

## SEQUENCE LISTING

<110> Chenault, Ruth A.  
Xu, Jiangchun

<120> COMPOSITIONS AND METHODS FOR THE THERAPY  
AND DIAGNOSIS OF OVARIAN AND ENDOMETRIAL CANCER

<130> 210121.501C1

<140> US

<141> 2001-11-28

<160> 230

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 595

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(595)

<223> n = A,T,C or G

<400> 1

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acatctcagt ttcatacaga actcattcaa tcatataaaa ataaacacaa atttacattg    180
actcatcaac tatacaattt aaaaaggcac ttggaagggg tattgtatta ttgcatttgt    240
ggtatgcatt tgaaatagtt taagtacatt aatgaatttg taagaatcct cttttgcact    300
tattcccatc tttaattaat ttcaaaaaat tattaaaatg ttttaaaata gtaagacaat    360
ggagcatgcg ccaggaatgt ttcaaagcta atctttccct cctcccccaa ggcacatact    420
gttaattggg caaaaacaaa aacaaacaaa aatactttta atacattctc ctggggggtg    480
gnncttggn aatttttttt cccctttaa aatatacctt taangcnctc aggtaatcaa    540
aaaaaaggct ttagtcacaa ntggcnacc gnccaacca ctngcaacngg nntan          595
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<210> 2

<211> 1700

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(1700)

<223> n = A,T,C or G

<400> 2

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aaaagcgcag ccgagcccag cgccccgcac tttcttgagc agacgtccag agcagagtca    60
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gccagcatga ccgagcgccg cgtcccccctc tgcgtcctgc ggggccccag ctgggacccc 120
ttccgcgaact ggtaccgcga tagccgcctc ttccgaccagg ccttcggggt gccccggctg 180
ccggaggagt ggtcgcagt gttaggcggc agcagctggc caggctacgt gcgccccctg 240
ccccccgccc ccacgcagag ccccgagtg gccgcgccc cctacagccg cgcgctcagc 300
cggcaactca gcagcggggt ctccgagatc cggcacactg cggaccgctg gcgctgtcc 360
ctggatgtca accacttcgc cccggacgag ctgacgggtc agaccaagga tggcgtgggtg 420
gagatcaccg gcaagcacga ngagcggcag gacgagcatg gctacatctc ccggtgttc 480
acgcggaaat acacgctgcc ccccggtgtg gacccacccc aagtttcttc tcctgtccc 540
ctgagggcac actgaccgng gaggncccca tgcccaagct agccacgag tccaacgaga 600
tcaccatncc agtnaccttc nantngcggg cccagcttgg ggggccanaa nctnnnaaaa 660
tccnataaga ntggccgcca anaaanncc tannccggg atgccacccc cttgntgng 720
ccnntgggtg gggccttccc ccccccncng ggggggnntt tnnananann nanntnnggn 780
nnnnnnnnaa aaggnnnna ngnnccccc nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnngng ngnnnnnnnn 900
nnnnnnnnnn nnnnnnnccn cnnngnnnnn nnnngnnnnn nnnnnnnnnn nnnnnnnnnn 960
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tntnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnngn nncncnnnnn nnnnnnnnnn 1080
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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 1260
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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 1500
nnnnnncccc ccccccccc ccccccccc ccccccccc cnnnnnnnnn nnnnncccc 1560
cccccccccc nnttttttnc ccccccccc cccccccccc nnnnnnnnnn nnnnnnnnnn 1620
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<210> 3
<211> 583
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(583)
<223> n = A,T,C or G

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<400> 3
cctttttttt ttttttttga tattaaatgt taaattttat ttcaaaaact atcacagcct 60
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atgttacatt ttaggtacct atcatttgtc attccaagag atccttgctg tctagactct 180
anaattaaat ggggtaaaag gttatgcttt taagaactat aagctgaaat gatttacttc 240
agttcaatat agaattttg tcagtcaaga taacaatcaa tgtgtcaaaa atttacataa 300
caagaggaaa aataggcagt gcagcacctt tagaaaaata attaaaagtt tcattgcatt 360
tacangnaag tgccacactg agaatttaca atacagtaat ttactgcaat cacaggggag 420
ttccataaag aaacaaagct cttcactcca ggttttttga anggggtatt ggaagcttaa 480
ctgaaacccc aaaacntggt tantcctnng aatgagttga tgaaaggcat aaaaagggtt 540
cttagccctn ttntntaaaa gggggccccc ctttgggaaa cng 583

```

```

<210> 4
<211> 448
<212> DNA

```

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(448)

<223> n = A,T,C or G

<400> 4

cctttttttt	ttttttttca	caaaagcaact	ttttatttga	ggcaaagaga	agtcttgctg	60
aaaggattcc	agttccaagc	agtcaaaact	caaccgtag	tggcactatt	ttgacctggt	120
agattttgct	tctcttttgt	canaaaagg	tattcaggtt	gtactttccc	cagcagggtg	180
gaaagaagg	caaagcaaac	tgaagagac	ttctactcta	ctgacagggc	tcttgagatc	240
caacatcaag	ctagacacgc	cctcgctggc	cactctacag	gttgctgtcc	cactgctgag	300
tgacacaggc	catactacat	ttgcaaggaa	aaaaatgagg	caagaaacac	aggtataggt	360
cacttgggga	cgagcaggca	accacagctt	caaaactctt	catggaagg	gtaatccttg	420
nggggaggna	cagctcaagt	cgaccggc				448

<210> 5

<211> 2067

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(2067)

<223> n = A,T,C or G

<400> 5

ccgaggctaa	atcggtctgcg	ttctctctcg	aacgcgcgcg	ananggggtc	ctggtgacga	60
gtcccgcggt	ctctccttga	atccactcgc	cagcccgcgcg	ccctctgcgcg	cgcacccctg	120
cacacccgcc	cctctcctgt	gccaggaact	tgtactacc	agcaccatgc	cctaccaata	180
tccagcactg	accccgagc	agaagaanga	gctgtctgac	atcgctcacc	gcacgtgga	240
cctggcaagg	gcacctgnc	tgcatatgag	tccactggga	gcattgncaa	gcggctgcat	300
tccattggca	ccgagaacac	cgaggagaac	cggcgcttct	accgccagct	gctgctgaca	360
gctgacgacc	cggtgaaccc	ctgcattggg	ggtgtcatnc	tcttccatga	gacactctnc	420
cagaaggcgg	atgatgggcg	tcccttcccc	caagttatca	aatccaagg	cgggtgtggg	480
gggcatcaag	gtagacaagg	gcgnggtccc	cctggcagg	gacaaatggn	gagactacca	540
cccaaagggt	tggtatgggt	gtctgaancc	ctgngcccag	nacnaanaan	gacggagctg	600
acttccccaa	ntggngtttg	ngtgcnaaaa	aattggggaa	aacaaccccc	ctnaaacctt	660
tengcattna	tggaaaaatn	cccaatgttn	tgggncctn	angccnngnt	ntnccannnn	720
naangggatt	tnngncnctn	nnnnggancc	nnnnananc	ncccttgng	gggggnaaca	780
tnnaannttn	naanngnnnn	gnncnnnnnn	ngnnnnancc	nnannanaan	ggnnnnnnng	840
nnntgnnnn	nnnncnnann	anggnncnnn	nnnnnnngn	ganccgnnn	cnnnnnnnn	900
nnnancnngn	naaangnana	ccnngnatnn	tnnnnangnn	nchannnnnn	gngtnnnnnn	960
nnannnnnnn	nnnnngnggg	gcgnngngcg	nnnccnnngn	ngnnngnnnn	nnnnnnnnnc	1020
nggnnaaaaa	nnnncncccc	cnnccnnnnn	cncnnnnnna	annnnntnnn	nnnnncnnnc	1080
ccnngnann	nnngnnnnnn	gnannnnnnn	gngnacgnnn	nnngnnnnng	ngnnncnnnn	1140
ntnnnnnnccg	nnnnnnngnn	nnannnnnnn	nnnnanannn	nnannnnnnn	agngngnnng	1200
nggggnngnt	ntngnatgn	ncnnnnnnnn	nnnnnnnncc	nnntntntnn	nnnnnnnnnn	1260
nnnnnannng	nnnnngnncc	nnnangnnnn	nnnnnnnnng	nnnnnnnnnn	nnngnnnnnn	1320
nnnnnnnnnn	gnnnnnnncc	cgnnnnnnnn	nggngnaaaa	aaaatnnccg	nctnnnnnnng	1380
ngngnnnnnn	nnnnangnga	aanannnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnngnagn	1440
nanannnnnn	gnngnnnnnn	nnngnnnnnn	nnnnnnngnn	nnnnccnccg	ngnnccnncc	1500
nnnnnnnnnn	nnnccannnn	nnnccncccc	nnnnnnnnnn	nnnnnnnnccg	ncngnnaann	1560

```

nnannnnnnnn annccnnnnnc nnannnnncnn nnannnnngnn nnnngnnngn nnnnnnnnnn 1620
nnnnnnnnnnn nenncgnnng ganngnnnnn nnnnnnnnnn nnnntnnnna nggngnnnnn 1680
nngnnggnan nnnngnnnnn nnncnnaann nnnngnnngn cgngngnnnn nnggngnnnn 1740
nnncnnncnn nnnngnnnnn annnnnnnnn nnnnnnnnnn nnnnnnnntn nngntnnnnn 1800
nnnnnnnnnnn nncnnnnncnn nnnnnnnngn nnnnnnnngnn nnnnnnnngn gngnnancng 1860
tngannanan aannngcgaa naagtngng nnnnnnnngnn gngngncnc ccnanncnna 1920
ntnnncgnan nngntgagan nnangngggn aatcnnggg ccncngncn ngnnngnnca 1980
nnacncggnn ngnnncnggn nngaananan ggggggann nnnncngggg nccncnnnnn 2040
nnnnannana ngaaaaanaa anagcgn 2067

```

```

<210> 6
<211> 643
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(643)
<223> n = A,T,C or G

```

```

<400> 6
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aattccatag tatgtagaat gggaataata atacataaca ttgtatttta tgttccattt 120
tttaaaatga gtccaaggaa gttaaaatat tcttttaatt aagacactca aagaaatgaa 180
ataagaaaaa ttgatgcaag gactccttca agttaanatt tgtgatacaa atattttcat 240
cttttaacag ggcaagctga tgtgttcaca tctcagtttc aagctgcctc tttcactagg 300
aacatcagta ttttttttta aaagcacatt tacaatgctt tcccatcacc cttgctgtgt 360
ttttgtagca cctatagcca taactggcac ctgggggcct gcgttgctgg cantttccct 420
tacatttctt tggagtcttt tcaactgctg ggggtttact taaaagtcag tgctttgcat 480
atttgatttc ctganantgn ttgaatagnn tttttaaaaa aatgngcagg ctgggtggga 540
cannttttt ncaagggaat ganannancn tgctnnggtt ggntngcttg gaatgggtcc 600
aaccnnccct nntttnttc ccnancctt nccngccng cct 643

```

```

<210> 7
<211> 123
<212> DNA
<213> Homo sapien

```

```

<400> 7
cctcgcccgt cacgcacgcg acgttcgtgg ggaacctggc gctaaaccat tcgtagacga 60
cctgcttctg ggtcgggggt tcgtacgtag cagagcagct ccctcgctgc gatctattga 120
aag 123

```

```

<210> 8
<211> 655
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(655)
<223> n = A,T,C or G

```

```

<400> 8

```

```

gtaaaaccca gccatgacc cctaacaggg gccctctcag ccctcctaata gacctccggc      60
ctagccatgt gatttcactt ccactccata acgctcctca tactaggcct actaaccaac      120
acactaacca tataccaatg atgggcgcgga tgtaacacga gaaagcacat accaaggcca      180
ccacacacca cctgtccaaa aaggccttcg atacgggata atcctattta ttacctcaga      240
agtttttttc ttgcgaggat ttttctgagc cttttaccac tccagcctag cccctacccc      300
ccaactagga gggcactggc ccccaacagg catcaccccg ctaaattccc tagaagtccc      360
cgtncataac acatncgtat tactgggnatg aggagtatca atcacctgag ctaccatag      420
tctaatagaa aacaaccgaa accaaataat tcaagcactg cttattacaa ttttactggg      480
tctctatttt acccttctac angcctcana atactttcga gtcttcctta acatttccga      540
cggcattctac cggttaacat tttttgtagc cacaaggttt cacggaantt ccctatcatt      600
ggctnacttt tcttactatt ggttattcgc caataaaatt cacttttnnt ccnag          655

```

```

<210> 9
<211> 663
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(663)
<223> n = A,T,C or G

```

```

<400> 9
ccggagccga aacaccggta ggagcgggga ggtgggtact acacaaccgt ctccagcctt      60
ggtctgagtg gactgtcctg cagcgaccat gccccgtaaa ggcacccagc cctccactgc      120
ccggcgcgga gaggaagggc cgcgcgcgcc gtcccctgac ggcgccagca gcgacgcgga      180
gcctgagccg ccgtccggcc gcacggagag cccagccacc gccgcagaga ctgcaagtga      240
ggaacttgat aatagaagtt tagaagagat tttgaacagc attcctcctc cccgcctcc      300
agcaatgacc aatgaagctg gagctcctcg gcttatgata actcatattg taaaccagaa      360
cttcaaatcc tatgctgggg agaaaattct gggacetttc cataagcgtt tttcctgtat      420
tctcgggcca aatggcagtg gcaaatccaa tgttattgat tctatgcttt ttgtgtttgg      480
ctatcgagca caaaaaataa gatctaaaaa actctcagta ttaatacata attcttgatg      540
aacnccaagg acnttcagaa ttgnacagta naaagttctt tttcaaaaaa taattgggta      600
agggaagggg tngattttga aancntttct taacnnaant ttttngnttt cccaaacggc      660
tnt

```

```

<210> 10
<211> 654
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(654)
<223> n = A,T,C or G

```

```

<400> 10
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ccggcgccc atagccagcc ctccgtcacc tcttcaccgc accctcggac tgccccaaagg      120
ccccgcggc cgtccagcg gccgcgcagc caccgcgcgc gccgcgcct ctcttagtc      180
gccgccatga cgaccgcgtc cacctcgcag gtgcgcagca actaccacca ggactcagag      240
gccgccatca accgcagat caacctggag ctctacgcct cctacgttta cctgtccatg      300
tcttactact ttgaccgcga tgatgtggct ttgaagaact ttgccaaata ctttcttcac      360
caatctcatg aggagaggga acatgctgag aaactgatga agctgcagaa ccaacgaggt      420

```

```

ggccgaatct tccttcagga tatcaagaaa ccagactgtg atgactggga gagngggntg 480
aatgccnngg aggggggcatt acatttggaa aaaaatgtga atcaagcact actggaactg 540
caccaactgg ccctgacaaa atgaccccca tttgngtgac tttnttgaaa ccatttactt 600
gatgagcagg ggaaancott cnnaatggg gngacacgng accaacttgc gnnt 654

```

```

<210> 11
<211> 653
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(653)
<223> n = A,T,C or G

```

```

<400> 11
tttttttttt tttttttttt tatgggaaac tgctctttat ttagaccttt gggacaaaat 60
taacttttgt cacatattac ttaaaaaaaaa atccagtttt acatatttct aaatagatag 120
aactaaatga tcagagaatt tcttctgtaa aaattggcca aattttatca aaaatctaac 180
atacgataca atccaaatta taaaaagact acttgggac ataatattcc aaatgtatga 240
cagttataac tccatcttaa caagtgtgaa aagtacttgc tctcatgttg ctttgggtcca 300
aaagagtaga gctaactcag taacaggaaa ctaagtaccc aatcttttgc caaaattaat 360
ttagattgtg actggcagca naaatatcca taatgaacag ctctactata acaaagaata 420
attaaagaat acttttctgt aacatatcac aggtcaaata catttttata agagaaaaat 480
atgaaggaaa tgatnaaata gctntcncaa acaaaaagga agcatttncc cntaagggg 540
aattaanagg gtggatgatg cttatatgaa angaagtnga annngnttt atttcttatt 600
tttccactct tanccttcaa aatnggtttg ncatgcctta aagngaance ngg 653

```

```

<210> 12
<211> 375
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(375)
<223> n = A,T,C or G

```

```

<400> 12
tttttttttt tttttttttt ttttttggn tttataaanac atttatttaa tctatgaaaa 60
taatgnacaa taaatacttt ccccttttcc tattattaaa naattttaat aaataatnta 120
cagtcataaaa cataaaaaag aggaaaatag gncctctag ttatttttaa naaagncccc 180
ctanagtitta attattcctg anatttcatt ggaaggagtc taccaaaagg aatttttctg 240
ngngaatttt aaaanataac cgagtgccca atattttaga agaagaagaa aggaagnnga 300
ttaaacgcta attcagtaat acctgaattt tagcaaaaca cataagtcta tgcgactgag 360
ggngggagan gntcg 375

```

```

<210> 13
<211> 658
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature

```

<222> (1)...(658)

<223> n = A,T,C or G

<400> 13

ctctctcttt	cactgcaagg	cgggcggcagg	agaggttgtg	gtgctagttt	ctctaagcca	60
tccagtgcc	tccctcgtcg	tgcagcgaca	cacgctctcg	ccgcccgcct	gactgagcag	120
atgacccttc	gtggcaccct	caagggccac	aacggctggg	taaccagat	cgctactacc	180
ccgcagttcc	cggacatgat	cctctccgoc	tctcgagata	agaccatcat	catgtggaaa	240
ctgaccagg	atgagaccaa	ctatggaatt	ccacagcgtg	ctctgcgggg	tactcccac	300
tttgtttagtg	atgtggttat	ctcctcagat	ggccagtttg	ccctctcang	ctcctgggat	360
ggaaccctgc	gcctctggga	tctcacaacg	ggcaccacca	cgaggcgatt	tgtgggccat	420
accaaggatg	tgccttgagt	tggccttctc	tttgacaacc	cggcagattg	ncctttggat	480
ctcnanaata	aaaccatcaa	ncatttgaat	accctggng	tgggtgcaat	ccctgtcca	540
ngaaganaac	cncttcanaa	ngggggtctt	tgtgnccnt	ttttnnccca	acncaacaac	600
cctnttattn	nnctnctngg	gttggaanan	ctggcnnngn	tnganccggn	tnactggg	658

<210> 14

<211> 686

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(686)

<223> n = A,T,C or G

<400> 14

cctttttttt	ttttttttt	ttttttttt	aacattatac	tgncaattttt	atcataaaca	60
tataaacaat	ttttatcatc	atcctgaata	ttactttata	aanatatata	ttttaaaagg	120
ntttcaaaac	atttttcaac	ccagcatttg	agaataaagc	attaagagtt	ttgnatacag	180
taacacattc	atngnataag	ngnatgaatt	tacaaccata	cataatatgg	atatatggat	240
atataattat	ataaaaaaca	aacttggcca	naagttaagg	ntacctacna	agttgtccaa	300
gtaaattatg	cttggcaaaa	caattataaa	attcaaatca	cacatgcatt	tttaaatacat	360
ctaaatcact	gcaaacaang	gtcaagcatt	ccaaangttt	taaaatnang	gggggangang	420
ggaancnggc	cctccaannt	taaaggggccc	gtttaaaacc	cccttgacc	ccccccaca	480
ggngnttttt	aactnccncc	catttntgtt	gtttgnnnt	ttcnccgggg	ccttcttttg	540
cccttggang	gggcnccccc	cccctggggc	ttcnnaaata	aaaggaggga	aaanngnntt	600
cccacgnccc	ccccgnatg	natnctctcc	tnataaaaaa	ngggngggnc	gngannctaa	660
nnngagnggt	ttggcnaanc	acttct				686

<210> 15

<211> 725

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(725)

<223> n = A,T,C or G

<400> 15

cctttttttt	tttttttgat	ttttacaaat	attgnttatt	ttaatgaagc	tggtacagac	60
aatgtccatt	taaaacccat	atcccaggcc	aaaaagtaca	aataaaatca	aaaagagcag	120
tgttctgntg	tattcatttc	tgnatgtata	gctttattaa	ttngctaata	aaaattanaa	180

```

cttttctggg atcttctgac aagattttta aaaaatctta aaatgccttt tcttcagtga 240
aggcactttt ggagttincca ataaaggggn cccccctnc catcttnact tnaacctgat 300
attntntttg tgnngggggg ggngggngaa attttaaaaa tatnttaatt taaggaaagg 360
ncattttttc acagtctaag ttctntgnaa aacttncatt ttcccaacnga aagnganagt 420
tnangaannc ccccnngggc ncncccacc ntgnnggggca anttgnaaan tnattatnga 480
acncttggtg ttgnttgaat tntttntgnt aacgnnnaat tgcgtgnaag aangctatcg 540
ttnctgtaaa aaaaagggga aacttttntc atantntccn ntannttctt tttanaaacc 600
ccnaccctcc ctaaagtgtg ncnccgatn ttttnccggg gntggatntt nntcngccct 660
tcnncnccg cccttttttt anacgcenat ttatattttn taantttatn taantttctca 720
tntct 725

```

```

<210> 16
<211> 196
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(196)
<223> n = A,T,C or G

```

```

<400> 16
cngaaggtng cctncacctt ggcatecttc cctccttccn acttntgccc ccaccccatg 60
tctctgtcct tgtcccagcc aggccttgcct cctctccag ccttgacagc cctccccct 120
gcctatgccg ccttggggccc ccgcccctct ccaggggggt ctgcaggggc cagttcctcc 180
gcctgtcctc tggggg 196

```

```

<210> 17
<211> 667
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(667)
<223> n = A,T,C or G

```

```

<400> 17
cagccgtgaa actggaaaagt cattttgatg actgatgtga tacatccaga ggtaaaatgc 60
atttaaakat attaaagtat ttgccaaaga tacaattttc ttgctgacat aaaaatcaca 120
caaacaagtc cccccaaaac cacaactgtc tctcaaatag cttaaaaaaa ttgaaaaaca 180
ttttaggatt tttcaagttt tctagatttt aaaaagatgt tcagctatta gaggaatgtt 240
aaaaatttta tattatctag aacacaggaa catcatcctg gggtattcag gaatcagtca 300
cacatgtgtg tgtgtctgag atatagtcta aattagcaaa gcacatagta ttacatactt 360
gaggggttgg tgaacaaagg aaaaatatac tttctgcaaa accaangact gtgctgcgta 420
atgagacagc tgtgatttca tttgaaactg tgaaccatg tgccataata gaattttgag 480
aattttgctt ttacctaaat tcaagaaaat gaaattacac ttttnagtta gnggnggctt 540
aacataattt tttctatntt aaccctgatt naaatctcaa gtaagaattt nccgtggccc 600
gaaacttggt angggggaat tttaaaaggg cctcgcattc cgggttacat ggcntanaan 660
tggaagg 667

```

```

<210> 18
<211> 1493
<212> DNA

```



<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(1493)

<223> n = A,T,C or G

<400> 18

```

ccccatttct ccattttgtg gaccaagcca tcttgagggc atggacattg tctctgagga      60
aattgggggc acccttaaga taccaagaaa agctcctgcc catggtccca ctggaaatgg      120
actctgctga gcaaagccac cagttgaaga gaacagaatc cacacctgca ttgaatacct      180
gtttctccat gtgtatcgtc tctgagatta ccttcttgcc ctttccaaca ccttagtgat      240
tctcaattt ctccccatt gggaaggcca tagggcatta actgaaggaa ctgacctctc      300
tcttttctt gtacctttaa cctttagtct gtcaaggaaa acccttagga cctctgaatc      360
aagaggactg agtttgtggg tgaaccttga aggtgctctt tctgctacaa gggccctggg      420
agatagcatg ggacgtgcat tgagaagcca gctcagacc ttagcttgaa gcaccttgag      480
gccagaccta ctgtacctca gcattctgct aggaggcatg gaagtgatct atcctgccag      540
gaggcctcag agtgatctgt cctgccagga ggggtgagag tgatctgtcc tgtgaggcat      600
ttaggggctt taggaattan taaaaggggg agtatgcctt tccagaatct tccatcttcc      660
tttgganacc tggccttctt cccatttctt ccttttgccc ccagggtanga aggatggagg      720
gaggnttggt actnttnccc ttctgggggc cctttctggg ggccctaacc tgncaatttt      780
anttcnccc tcccttacct ngggatgnng ggnccctttn ccgggattta ancttgggg      840
ctgggcccta anttttttcc ctttttttcc cnaaaaaaaa aaaaaagggg ggggcccccc      900
ctgnnnnngn ntttttnnaa aatncccccc nngncntnng gncccnncn nccccnntt      960
tnnttnance nccccctggg ggteccnttt ngggggnntt tnnnttttna nccnnnnnnn     1020
ggggnntttt ttttnnnnna aaantttttt ttnnncnnc nnnnncnncn ncnnttttn     1080
nnnnnggggg gnggntnnnn nnttttnann nccccnttt tnnngnnaaa annccnnnn     1140
nnnnnggggg gggnnnnnnn nnnnnnnnnn nnnncncccc cnnnnnnnnn nnnnnnnnn     1200
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnn     1260
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnn     1320
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnn     1380
nnnnngnnnn cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnn     1440
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnc              1493

```

<210> 19

<211> 1602

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(1602)

<223> n = A,T,C or G

<400> 19

```

ggaaaatcaa gatgtggctg aagatcagag gctcagttag caacctgtgt tgtagcagtg      60
atgtcagtc attgattgtc tttagagagt taatgttaca aaaaagaatt cttataatc      120
agacaaacat gatctgctga ggacacatg gcttttgtag aatttaacat ctggtgtttt      180
tctgaaaaaa tatatataca tatattgctt tatttgaaac aaattaaaa atgctgcatt      240
tgaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa      300
aaaanaaaaa aaaaaaaaaa angggggggn cccccccng gnnngnnttt ttgnaaantc      360
cccccccn ganntngggn nccnaccnc ggcccnant ttantttaan cccncccc      420
cttggggccc cctnnnggg ggggntttta ttccaaaan ccccaanng ngggggtnt      480
tnntttcncc aaaaancnnt ttttttnnaa accncccccc ggaaccccn ccccccttt      540

```

```

<210> 20
<211> 1633
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(1633)
<223> n = A,T,C or G

<400> 20
agcaagccag ccataagccc ctgaatccac ctcacccact cgccagacct ttttgtcgaa 60
gttcattgtcc ttcttagccc ttccaatgaa gcctctacct gcctgagatg tccaaggtaa 120
tccatcagct gaggtctctca gagaatgaaa gtgtggccct gcaggaactc ttggactgga 180
ggagaaagct ctgtgaggaa ggacaagact ggcagcagat cctgcaccac gctgagccca 240
gggtgcctcc cccaccacct tgcaagaagc ccagccttct gaagaagccg gaaggggcct 300
cctgcaacag gctgcctgtc gagctctggg acaccaccat ttgattgtgc ctgaactgca 360
gacttacaaa atagaactgc ctactgattc cgggctgcaa caacagaagg ctgccttctg 420
acatgcgctg gggcttctct ccacgcattt agacaaaaaa agcacaggac acagacacta 480
aatatatgag atcccgctgtg tgtgtgtgtg tgtttgtgtg tgtgtgtgtg ggttctttct 540
tatccatctc gngnggatac actctgattt tcaagctcct catttacggg tcttgtgcta 600
cccctaggta ncaagaaaan aggctgggaa aaagtgtggn cgtgggnan anagcananaa 660
gtanccggnng gaaaggagcn antccatgca cacttctgta ccngtngttt tttntacngg 720
ntcaaacagg nntgnntnat tggncnttnc caangggggg tttntttant aannaccnng 780
nnntnncngg ggannaanan nannnnnnna nnnnnnnntt nggnnnnccn cccttggggg 840
ggnnnnnantt ggggcnctct cctccccccc cctcnccccc cctccccct tcacnccgnc 900
nncnctnnn ccnccgcnct nctcncntc nncnccnnn ntcgncnccn nngngggggg 960
gcggggngn nccccnctc nctcncnnn cccccccn cncnncn ncnncncccc 1020
cncnccncc nnnncccc cncncccc ncccccn nnnngnnnnn nnnnnnnnnn 1080
ncccccccc cccccccc cccccnnn cennnnnnn nnnnnnnnnn nnnnnnnnnn 1140
nnnnnnnnn nnnnnnnnn nnnnnnnnn nngggggccn ngnnnnnnn nnnnnnnnn 1200
nnnnnnnnn ncccccccc cnnnnnnnn nnnnnnnnn ncccccn nngnnnnnn 1260
nnnnnnngnn ngnggggggn gnnnnnnnn nnnnnnnnn nngnnnnnn nnnnnnnnn 1320
nnnnnnnnng ggnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 1380
ngnnnnnnnn nnnnnnnnn nnnnnnnnn nngnnnnnn nnnnnnnnn nnnnnnnnn 1440

```

```

nnnnnnnnnn nccgnccccc cgnncnnnnn nnnnngnnnn nnnnnnnnnn nnnnnnnnnn 1500
nnnnnnnnnn nnnnnnnnng gggnnngcgg ngnnnggggn nnnnggnnnn nnnnnnnnnn 1560
cnncccccnn nnnnnnnnnn nnnnnnnnnn nnnnngnnnn nngnnnnnnng nnnnnnnccn 1620
nnccccccng nnn 1633

```

```

<210> 21
<211> 1462
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(1462)
<223> n = A,T,C or G

```

```

<400> 21

```

```

gggctcccaa aatggcgaag tgaggctgcg gggactcgct gagcagcggg gggggagcgt 60
gcagagccgc tgcggccctc acagtccgga gcccgccgt gccgtgccgt agggaaacatg 120
cactttttcca ttcccgaaac cgagtccgcg agcggggaca gcggcggtc cgccctacgtg 180
gcctataaca ttcacgtgaa tggagtctg cactgtcggg tgcgctacag ccagctcctg 240
gggctgcacg agcagcttcg gaaggagtat ggggccaatg tgcctcctgc attcccccca 300
aagaagcttt tctctctgac tctgtctgag gtagaacaga ggagagagca gttagagaag 360
tacatgcaag ctgttcggca agaccattg cttgggagca gcgagacttt caacagtttc 420
ctgcgtcggg cacaacagga gacacagcag gtccccacag aggaagtgtc cttggaagtg 480
ctgctcagca acgggcagaa agttctggtc aacgtgctaa cttcagatca gactgaggat 540
gtcctggagg ctgtagctgc aaagctggat cttccagatg acttgattgg atactttagt 600
ctattcttag ttcgagaaaa agaggatgga gccttttctt ttgtacngaa gttgcaanaa 660
tttganctgc cttatgtgtc tgtcaccagc cttcgagtea anantataan atgtgctaag 720
gaaganttat tgggactctc ctatgatnac nattnatgga naacccgggt ggccctnaac 780
cttctttttg ctcanacggt nttaaaatat ttagncgngg ggngggatct ttggtcaccc 840
aaggaaaaan nacccgnaa nttaaaatt tttgnnaaa aaaaaaannn ttccnaaaaa 900
gggaatttct ttnaaaantg gccccaaana ccttngngnn ctttngggnn ntttgnnctt 960
ttnanncccn nngggggngg nnttnccna aaaaaaattt nntttnnngg gnnnnncnnn 1020
nncannnnna annnnnnnnn nnnnnccnc cngngnnnnn nnttnnaaag nnttttnng 1080
gnncccnnaa aatngggggg ncnntttttt nttttnccnn nnnnnnnnnn nnnnnnggg 1140
ggggggggnc cnnnnntttt ttnnnnnann nnnnnnnnnn nnnncnncc cnnnttnnaa 1200
annnnnnnnn nnnnnnnnnn aannnnnnnn nnnnnnnnnn nngggggggg nnnnnnnnnn 1260
nnnnnnnnnc cnnnnnnnnn ncnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 1320
nnnnnnnnnt ntntngnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn gnnnnnnnnn 1380
tnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 1440
nnnnnnnnnn nnnnnnaaaa an 1462

```

```

<210> 22
<211> 1601
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(1601)
<223> n = A,T,C or G

```

```

<400> 22

```

```

cccgaagcac gacgcagagc ctccggtgtg gctgtctctg atggtgtcat caaggtgttc 60

```

```

aacgacatga aggtgcgtaa gtcttcaacg ccagaggagg tgaagaagcg caagaaggcg 120
gtgctcttct gcoctgagtga ggacaagaag aacatcatcc tggaggaggg caaggagatc 180
ctgggtgggag atgtggggcca gactgtcgac gacccctacg ccacctttgt caagatgctg 240
ccagataagg actgccgcta tgccctctat gatgcaacct atgagaccaa ggagagcaag 300
aaggaggatc tgggtgtttat cttctggggc cccgagtctg cgccccttaa gagcaaaatg 360
atztatgcca gctccaagga cgccatcaag aagaagctga cagggatcaa gcatgaattg 420
caagcaaact gctacgaaga ggtcaaggac cgctgcaccc tgcagaaaaa ctgggggggca 480
gtgcccgtca tctccttgaa ggcaaagcct tttgtgaacc cccttctggc cccctgcctg 540
gaagcatctt ggcaagcccc ccncctgcc ccttgggggg ttgcnaggct tgccccccctt 600
ccttcccana accggaaggg gcttgggggg gatcccccac caggggggga aggggcnant 660
ccctttcccc ccannttgg cnaaaacng ncccccccc ncccccttg nanTTTTTcc 720
ntntttcccc tccccatnc cntttngcng gggtntttng gncctttcc cnaaaanntg 780
gggntttttt gnaancnttt tttnaaannn ncccnttttt gggggnctnn nnaaannccn 840
naanccccna nngtntnncc ccccccccn ngggnecccc cccccnnnt ntntnnnnng 900
gggggggggn aaancccccn nnnnnnnnnn nnnnnnnnn nnaaaaaaa aannantnnc 960
cccccnntt tttcccccc nccccnngg gggnnccnnn tcccccccn tttttcccc 1020
nannnnnnnt gggnnncnna annttttttt tnnancccn cnnntntnnn nnnnnnctcn 1080
nnnnnnnnnt ttncnntnt nttnnnnnnn nnnnnnnnn nnnnnnantn nnaannnnnn 1140
nnnnngnnaaa acnatcccc ctencttttn ccccnnggn ncnnnnncc ttnccccnn 1200
nnnnnnnnnn ttttncngn nnnncnnnaa nggenccttn nntnaannn nccccctccc 1260
nnnnnnngnn nccccaaagg nganaantgg ggnncccccc ccccnngcn nnnnaanttt 1320
nnnttngggg gnnnnnnccc ccgcgcgcgc ctccnctcc ccttcgcgc gccccgcgc 1380
gccgtccgcc ccgccccccc netccnctc ccgcgcgtc ctnccttnc tctcncgcg 1440
gccccgccg cgcgcccgct cgnegtncg ncnncnnnn cnnnnnnnn nncgnnnnn 1500
ananaagnnc ncnacccnat ccccccgcc nccccccnt nccgnnnng nnnnnnnng 1560
nncgcccnc ncccccncc cccnttctgn ccccccntt n 1601

```

```

<210> 23
<211> 1566
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(1566)
<223> n = A,T,C or G

```

```

<400> 23
tttttttttt tttttgattt tttttaatgc tgcacaacac aatattttatt tcatttgttt 60
cttttatttc attttatttg tttgctgctg ctgtttttatt tatttttact gaaagtgaga 120
gggaactttt gtggcctttt ttcccttttc tgtaggccgc cttaaagcttt ctaaatttgg 180
aacatctaag caagctgaag ggaaaagggg gtttcgcaaa atcactcggg ggaagggaag 240
ggttgctttg ttaatcatgc cctatgggtg gtgattaact gcttgatcaa ttaccgtttc 300
acttttaatt aattgtgctt aaggctttta ttaaatttgg gggttccctt cttagagcag 360
ctcgtactga cgaagggtgca tgcgctgaat gatgtcacgg cagtcgttga acacacggcg 420
gatgtttctc gtgtcccagc gcangtgaag tgagggtagc agtagtgacg cccatctcca 480
ctggcagtg tgcctcag aaactcatct cgaatgaagt acttggcccn ggtcacgcgt 540
gggtncctct cnggctcng agtancatnc tcangagttag ggtagcgagc aaattctgga 600
aagaagcctc aatcttcat ttcccncaa ggactttctc anoganccan atcttgcttg 660
tttganggaa ccaggaatcc cngnnnaatg gngcncaacc ccttcttggt ggttncccaa 720
aangcccttt gaaaaaaggg ttcaaaaaanc cctccctgcc anggcggggg ttngggncct 780
gggnttgnc ccccccccg naaaaaancn ctnttttnnn naaancttgn nttggnttgg 840
ggcccccccc cccnaaaaaa aaaaaaaaag gggnnnnnnn ccccccnnt nttttnaaa 900
aanacccng ggggnanncc ccccttttgg gggggggggn tnnntttnn nnnnnnggg 960

```

```

ggcccccccc ccnnnnnnaa aaanaattnt ggggaaannn nnnanntttt tttncccccc 1020
ccnnngnnaa aantnngnnn tnncnnaaaa tnncccnaaa nnnnnngccc cennnnnnnn 1080
aaaaannnnn nntnnnnnnn nnnnnaanaa nnnnncccn tntannncnn nnnntnncn 1140
naaaanngng gcncnnnann nnnnnnnnch tngnnnnnnn nnnnnnnnnn cnnttttttn 1200
ccnaaanntn nnnntnnnnn nngngggggn aannngncnn cccccccna annnccccc 1260
nnnggggggn nccccnngg gccnnnnnnn nnnnccnngn nnnnnnnnnn nnnnnnnnnn 1320
nnnnnnnnnn nccccngnnn nnnnnnnnnn nnnncnnnnn cnnnnnnnnn nnnnnnnnnn 1380
nnnnccnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnngnnnn 1440
nngncnccnc nnnnnnnann nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnn 1500
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnn 1560
nncccc                                           1566

```

<210> 24

<211> 651

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(651)

<223> n = A,T,C or G

<400> 24

```

cgctcggttg cgactcccgg acgtaggtag tttgttgggc cgggttctga ggccttgctt 60
ctctttactt ttccactcta ggccacgatg ccgcagtacc agacctggga ggagttcagc 120
cgcgctgccg agaagcttta cctcgctgac cctatgaagg cacgtgtggt tctcaaatat 180
aggcattctg atgggaactt gtgtgttaaa gtaacagatg atttagtttg tttggtgtat 240
aaaacagacc aagctcaaga tgtaaagaag attgagaaat tccacagtca actaatgcga 300
cttatggtag ccaaggaagc ccgcaatggt accatggaaa ctgagtgaat ggtttgaaat 360
gaagactttg tcgtgtactt aggaagtaaa tatcttttat tagagaaagt gttgggacag 420
aaagtacttt atgtaactaa gtgggctggt cagaacttan aggcattttt tgtaatttct 480
ttttaattac tttnanagc tagggatgca aatgttttca gttagaaagc ctttatttac 540
ttttggaaat tgaacaanaa atgctttgtc ttanaactgg agaataattg atggtaggga 600
aacatgtaat ggttctctgg caaaattggn tcannatttg aaatgaaann n 651

```

<210> 25

<211> 676

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(676)

<223> n = A,T,C or G

<400> 25

```

gggggacaga gactcagatg aggacagagt ggtttccaat gtgttcaata gatttaggag 60
cagaaatgca aggggctgca tgacctacca ggacagaact ttccccatt acaggggtgac 120
tcacagccgc attggtgact cacttcaatg tgtcatttcc ggctgctgtg tgtgagcagt 180
tgacacagtg aggggggggt gggtgagaga gacaggcagc ttgnanntnn ttgcttngan 240
ntttcnnta naaccgcgna gcgcttnggt agggtnngcn anggatgnnn nntntnttc 300
nnaagnncnc ngttcngngt canttgcttg nctentctaa ctennnnnn ccccnntttn 360
gtctectnng ngntcnaccc nntctgnttc ttngntcnng nttgncctcg nnttntnttc 420
nnngctcngc ncgtntggtg nnntgngnat nannctnanc gngttntnn attntnnctn 480

```

```

necngnancn catntgancc ttntnnngnt nttegnetnn nteganecgn ttengggncn      540
cncnecgnnt cttnctnncc tcnccctttt ntentcttgn ttgtgggentn acctnnctcn      600
ttctntgtnt ncnngccttn nngtgnnncn gatagtcnnc cctntttggn aatatctntn      660
tnntcncccc cctccc                                     676

```

```

<210> 26
<211> 657
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(657)
<223> n = A,T,C or G

```

```

<400> 26
tttttttttt tttttgctgg gtggtaactc tttatttcat tgtccggaag aaagatggga      60
gtgggaacag ggtggacact gtgcaggctt cagcttccac tccgggcagg attcaggcta      120
tctgggaccg cagggactgc caggtgcaca gccctggctc ccgaggcagg caggcaaggt      180
gacgggactg gaagcccttt tcanagcctt ggaggagctg gtcggtccac aagcaatgag      240
tgccactctg cagtttgagc gggatggata aacagggaaa cactgtgcat tcttcacagc      300
caacagtgtg ggtcttggtg aagccccggc gctgagctaa gctcaggctg ttccaggagg      360
ccacaaaact gcaggtagtg atgtgcaaga ntccatcctg cagttttcca gcaatganaa      420
actcctcctg cggttgtggg acctggggaa gtatccgcan acctctcctg gcgggggtgt      480
agacnaaccg gatgtcaccg gcaccccta aagnttggaa ccctttatac atcttgggca      540
tcttganctc ataacgctgg tataagngng ntnggtngac ttttggngnt ccccccaant      600
gcccttgana ccaaggccgn aattncnaaa ggcccttgng gggggggggg acccagn          657

```

```

<210> 27
<211> 646
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(646)
<223> n = A,T,C or G

```

```

<400> 27
ggaangctga agaattaaca ntttgactnc taaatgtgat actggntngt anattccctt      60
agagcagaaa ggagaggggc acatattaat ttgtatcgct tttgcttctc tttggtcttt      120
tgtgtcttag aatttggaag tgggtcattt ctgttgctgg tatgaggatt tccaatactt      180
agtaatcgaa aaccatatcc tgtaatttaa taaaaaaaaa taaggaagaa aaaaccctcc      240
aattttccca aatgcaatca gtgtaactag gggtgtgtgt tctgcattaa aataaatgtt      300
tcangctttg tggctctgat caaggtcctc attaaaaaat tggagttcac cctagnctt      360
ttccctctg tgactgggct cntccccac cncctcttagg tatcgagctt attatggnt      420
ncaaatnaag naatangnt nncaaattn accaaanaaa gcattttttt cactgcnttn      480
tnattggggg gttggcccaa cncntcaat ggntcttanc atggntggnt acccgcnacc      540
tttncntnaa cttggngnaa ncnngggcnn tacnnttctt gggggnaaat ngtnctcnnc      600
cantcccnnc ncntncnanc cgaanennaa agggnaancn ngggggg                    646

```

```

<210> 28
<211> 407
<212> DNA

```

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(407)

<223> n = A,T,C or G

<400> 28

caagagtctt	tgaataaagc	ccatttgagc	cctggataac	aagggataaa	gtggagcgga	60
tgcacatcac	agacatgaaa	ttgcctcacc	tgcctggctt	agaagacctt	ggtattcagg	120
caacaccact	ggaactcaag	gccattgagg	tgtctggcgg	tcctgcact	taccgctggc	180
tgtctgctga	aattgaggat	gtgaagccgg	ccaagaccgt	caacatttag	tgcctcctga	240
gcagctcttg	gttttgccgt	cttttggtc	ggcccatgtg	gtttgagcac	ccagccaggc	300
ggtctcttta	gaggatcctg	tacacagttc	cactattaaa	acatttcagg	ttgaaaaana	360
nnnnnnnnn	nnnnnnnnn	nanannann	nnnnnnnnn	nnnnnng		407

<210> 29

<211> 625

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(625)

<223> n = A,T,C or G

<400> 29

ttttttttt	ttttttttt	ttttttttt	gggaccaa	ttttttntt	gaaggaatg	60
nacaaatca	acgaactta	gnngatgtt	tgnnacaact	tattgaaaag	gnaaaggaaa	120
ccccaacatg	catgcactgn	cttggggacc	anggaagtca	ccccacgggt	ntggggaaat	180
tancccnagg	nttanctttc	attatcactg	nntcccangg	ngngcttgna	aaanaaanat	240
tcncccgagc	cacattnnng	cncctccatn	ttgcncaagt	tggncacgtg	gncacccaat	300
tctttgaagg	ctttcacng	ctnattnaag	naangggctc	caatgaaanc	acaccantgg	360
ggggnatttt	tgntnnnngc	ccattgggca	attcccaana	tggctgaatc	aaattttttt	420
nccaaagnca	ngcccctcca	atggattnaa	anccccntnc	caatanaaca	nnnggntttt	480
ttatcctcca	agaaaaattn	ggcccntntn	gggntggaag	gtttnantat	tacaagcncc	540
ttccttttaa	tggggaaaaa	nttttggnaa	annttaaaac	cncntcgcca	agntttnaaa	600
aggggnaggna	ngcngngggg	tacnn				625

<210> 30

<211> 643

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(643)

<223> n = A,T,C or G

<400> 30

cttaagaatt	ggcccagcct	cagatcctgt	cttttagcaac	cagctaatat	ttacccagag	60
gtactgcaat	agagtatttc	aaaatggaat	caggatctgg	tgggcctcag	aaattgtctc	120
ttttctgagt	ttcaatttgg	ttctcctgga	tgttttgcct	tgttttggta	cctgtaatat	180
agggaaacac	aacttttttt	gggaaagccc	tttgacccca	gcttgctagt	tgcataataa	240

```

taaattttct gttcctaata aaaaaaaaaa aaaaaaaaaa aaaaanaaaaa aaaaaaaaaa 300
aaaaaaaaaa aaggnngnaa naaaaaaata ananggggcc gntaaaacnn gggggggggc 360
cntcaanttt aaagggccct ttaaancccc tnnnnaancc nccntgggcc nttttnttc 420
ccaccttttg gnggnnggnc ccccccccg nctttttttg nccctggggg ncccccccc 480
tggtcnttnc ttanaaaaaa nangaanttg cctcccttnt cngaaaang ntcttttttt 540
ttnggggggg gggggggggg ggaannnggg ggggggtggg ggaaaaattn nggggntttg 600
ggaaccnggg gcccttgccc ttnggaaaag aaccntggg ttt 643

```

```

<210> 31
<211> 645
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(645)
<223> n = A,T,C or G

```

```

<400> 31
gtgaaagctg taaaacacct tttatggaag aaaagaaata aaatgtagtt gtcaagtcta 60
aaaaatagta gcaacgggaa tcataatgaa tacatgcaat gaatttaaaa tgtaaaaatg 120
aatttaaaaa gtaaaaaggg ctctgtggtg taatttttct taactacaag agtctaaata 180
cactgctttt cttaagagt tcattttaat tagtaacgtc aaacaaaatt attctagata 240
atgagcccta caaattacta ctactagcaa ctgtcatttt ttactcgggc atcctctagg 300
tgtcttacat tctcatttta ttcttacaac gaactcatcc tccagaagga ctccatcctc 360
cagaaggact catcctccag aangactcat cctccaaagg acttctccag aagggggaaa 420
tggaagaccc gggtaaactg ctcagggctt atcacagaac tatgtttgag cctgacttcg 480
tttgaactct aaagcccaca tgctctttct actgccccat gcttctcaag gnaccagact 540
cttatttntc gcacttttga gaatctnaag atcctganc ctttttaata aatttagttt 600
tttggggagn agccnnaaaa aaaaaaaaaa ggcgccctcc ncnnt 645

```

```

<210> 32
<211> 668
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(668)
<223> n = A,T,C or G

```

```

<400> 32
tcccggttctg ttttaaacag aaaataaaaag gagtgtgaag tcctttttct atttcaaagt 60
tgctaccagt gtatgcagta attagaacaa agaanaaaca ttcagtagaa cattttattg 120
cctagttgac aacattgctt gaatgctggt ggttcctatc cctttgacac tacacaattt 180
tctaatatgn gttaatgcta tgtgacaaaa cgccctgatt cctagtgcc aaggttnaac 240
ttaatgtata tacctgaaaa cccatgcatt tgtgctcttt ttttttttta tggngcttga 300
agtaaaacag cccatnctnt gcaagtccat gtatgngcn ctttaagcnt ctatctttgc 360
tcaaantngt gaangatggg gaccttggtc catggcttgc gnatttgatc ntaangnncn 420
tttctancta tgnatgagg cacnngccct attggaggnc gcccngggt tccggaaaag 480
ngcnntnntg tngngaattg cnnctcggan ttcaanaata tncggcnntt gntttgnang 540
ccnngnnnan caatcaggng ngcccctcna antcatgnaa gcccngnntn aanncnctnc 600
nctnttctcg nnntgggnnt tccattgccc gcctcgacgn ggtnngcctc tncgggcn 660
cncgncg 668

```



<210> 33  
 <211> 682  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(682)  
 <223> n = A,T,C or G

```

<400> 33
ggcttggtccg agttgatatg cgtatgcttt gcctaaaaag ccttaggaaa ttagacttga      60
gtcacaaacca tataaaaaag cttccagcta caattggaga cctcatacac cttcaagaac     120
ttaacctgaa tgacaatcac ttggagtcac ttagtgtagc cttgtgtcat tctacactcc     180
agaagtcact tcggagttag gacctcagca agaacaaaat caaggcactc cctgtgcagt     240
tttgccagct ccaggaaactt aagaatttaa aacttgacga taatgaattg attcaatttc     300
cttgcaagat aggacaaacta ataaaccttc gctttttgtc agcagctcga aataagcttc     360
cattttttgcc tagtgaattt agaaatttat cccttgaata cttggatctt tttggaaata     420
cttttgaaca accaaaaagtc cttccagtaa taaagctgca agcaccatta actttattgg     480
aatcttctgc acgaaccata ttacataata aggattccat atggctcttc atattcattt     540
ccattccatc tctgcccagn atttggggat acccgcanaa aatttggggt ttggggggaa     600
aaatntggnc tggaactttt ttanttnaa gggaaataat naggggngga aggggggggt     660
ttntggntgc ccccccccg gn                                     682

```

<210> 34  
 <211> 1549  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(1549)  
 <223> n = A,T,C or G

```

<400> 34
ttgagagata cctccctcct tctgtctcagc tgccttgcag taattaaact ctttctctgc      60
tgcaacaccc ctactgttct cctgtatttg gcttttctgg gcagcaggaa ggaaaagctg     120
atgcgatgct ctcagtgccg cgtcgccaaa tactgtagtg ctaagtgtca gaaaaaagct     180
tgccagacc acaagcggga atgcaaatgc cttaaaagct gcaaaccagc atatcctcca     240
gactccgttc gacttcttgg cagagtgtgc ttcaaactta tggatggagc accttcagaa     300
tcagagaagc tttactcatt ttatgatctg gagtcaaata ttaacaaact gactgaagat     360
aagaaaagagg gectcaggca actcgtaatg acatttcaac atttcatgag agaagaaata     420
caggatgcct ctacagctgcc acctgccttt gacctttttg aagcctttgc aaaagtgate     480
tgcaactctt tcaccatctg taatgcggag atgcaggaag ttggtgttgg cctatatccc     540
agtatctctt tgctcaatca cagctgtgac cccaactgtt cgatttgtgt caatgggccc     600
cacctcttac tgcgagcagt ccgagacatc gaggtgggag aggagctccc atctgtctct     660
ggatatgctg atgaccagtg agggagcgcc cggaagcagc tgagggaacca gtactgcttt     720
tgaatgtgac tggtttcccg ttgcccacaa ccaggacaan ggatgctgga tatggcttaa     780
cctgggggga tgaaccaang tttttgggaa nnggaaaagnt tnaaanaaaa tcccctggna     840
aaaaaaantt tnnaaanaaa accttggaan ggggcccccc ttgggaaaaa ngggggggan     900
nnngggtnt tnggnccnnt ttnnccccc nnnnnnnnct ttaannnnng nnantttttt     960
nnaanggggg nntnnccccc nttnnaaann ntntntcccc nnnnnanggg ggggtnnenc 1020
nncccccg ggggnncnnn ntnaacnccn nncntnnggn ggaaancntt ttttntcttc 1080

```

```

nnccnnggnc ccnanaant tttcccagaa nccccccng ggggngnnng gaaangnnnn 1140
nnnccctcnn ggggggttncc ccnnnaaaaa aaannnggnt ttttttttna nganccgggg 1200
acnccccnnn naaanntttt tnnaaagcgc cccccnnnt nnggnnnnnn nggnannnnn 1260
nnnttngnnn ntngccccc cnttnnnngn nccnctcnnn nnnnnnnnnn nnnnnnnnnn 1320
nnnnnnnnnn nnnnnnnnnn cntntanntn ntgnaaaaaa nggnnnnngn nnnnnnnnnn 1380
nnnnnnnnng cccccnngng nnnnnnnnnn nnnnnnnnnn ggggggngn ggnnngcnnn 1440
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ncgnnnnnnn nnnnnnnnnn 1500
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnncngng ngggnanc 1549

```

```

<210> 35
<211> 1440
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(1440)
<223> n = A,T,C or G

```

```

<400> 35
ctaataaag cctcaaaactc gttattgggg ctataaagaa aacgtttact taccagctg 60
aaacagggtta agaataattct taatctcatt atagataatt gcccccatgg gacttgaaat 120
acaacacctt gtgctgaaaa cttcagggttg gcaatatttg aagggttcgt tgtagaagag 180
tttaacatta actcctattt tgacttacaa atcttgtttc tcatcactaa aatgcttttg 240
aattaataat ccaacccaca tgagctgaga gtttttcttt tgttagaaaa gaaacagaca 300
tctttctgta tgaaagtata aattgtatgg ttttagatac ataagaattg acaaaagcga 360
gcgaaatctt tgtacttctg agttcttgct gtatgtatgt tttgttttaa atctgattag 420
ggacacccag cagctggccg ggattcttgg attgctcctt gggagttaag attgtcaata 480
ctcctgtgaa gcaagggatt tcagccatag aacaaagatt tattgttgcc acctgaaaag 540
tttacaagta tttatttgtt atttgataca ttgcttgaaa aagatgaaat ctgttaaaga 600
ttcttttccg atgtccagggt taagaagaaa cctccttgta ttgagtgaat ttatatgtta 660
aatgggtatta gagaatgtag gtggnataga aattggattt aaacaagaaa aannggttca nggttgnaaa 720
tcaagttcgg caaagttaa aatttggatt aaacaagaaa aannggttca nggttgnaaa 780
angggacttg nttagggang ggacaanggc ctttaaanna ccngcgtccc ttctccnggc 840
nggcnnngcg ggcccnccc caanctnntc cangentteg nccnccnccn nccncccttt 900
cctnntncca cnaanntctt tnncctttt taengggggn ggggnnccn nccnccggcn 960
cngnntnccg cccccaaaa nccnccntt tccnccnccn ccttttccn nnccttttnc 1020
cnncncccc cccgnnnnnn nnnnnnnnnn nnnnnnnnnn nggnnnnnnn cccnnnnnnn 1080
nnnnnnnnnn nnnnnnnnnn nnnnnnggnc nngggnnnnn ttntnnnnn gggggnccnn 1140
nnnnnnngcg nnnnnnnnnn ngnnnnnnnn nnnnnccgnc nnnnnnnnnn nnnnnnnnnn 1200
nnnnnnnnnn nccnnggna ncnnaanncn nnnnnnnnnn nnnnnnnnnn nnnnnnnncn 1260
cnncnnnnnn nngnnngggn nngnnncenn nnnnnnnnnn nnnnnnnnnn nnnnnngggn 1320
nnnnnnccgn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 1380
nnnnnnccnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn gnnnccaaga nggcnaccg 1440

```

```

<210> 36
<211> 1496
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(1496)
<223> n = A,T,C or G

```

&lt;400&gt; 36

tgcataccgt	ggaagggcgc	caggggtcttt	gtggattgca	tgttgacatt	gaccgtgaga	60
ttcggcttca	aaccaatact	gccttttgaa	tatgacagaa	tcaatagccc	agagagctta	120
gtcaaagacg	atatcacggt	ctaccttaac	caaggcactt	tcttaagcag	aaaatattgt	180
tgagggttacc	tttgctgcta	aagatccaat	cttctaacgc	cacaacagca	tagcaaatcc	240
taggataatt	cacctcctca	tttgacaaat	cagagctgta	attcacttta	acaaattacg	300
catttctatc	acgttcaacta	acagcttatg	ataagtctgt	gtagtcttcc	ttttctccag	360
ttctgttacc	caatttagat	taagtaaagc	gtacacaact	ggaaagactg	ctgtaataac	420
acagccttgt	tatttttaag	tcctattttg	atattaatth	ctgattaagt	tagtaaataa	480
cacctggatt	ctatggagga	cctcggctct	catccaagtg	gcctgagtat	ttcactggca	540
ggttgngaatt	ttttcttttc	ctctttgggg	atccaaatga	tgatgtgcaa	ttcatgttta	600
acttggggaa	acttgaaagg	ggttcccata	tancctcaaa	acaaaaacca	aatggtgtta	660
tcengacgga	tctttttatg	ggtncctaact	agtactttnc	taattgggga	aaagnaang	720
cttttagttt	tgcnnaatta	agtttggggg	aagggcata	attaaaaatt	gagggccccg	780
tnacnaaaac	caactggggg	ngtntaacga	aaaaccctgt	tttnaaaagg	gggccttttn	840
ccccctnnnn	ngnnaatntna	nttncccnt	ttgcentttc	cnttttnnnn	naaacctttt	900
nnnttttctc	cccnancnnn	naaangngna	nnnggtntcc	ccccnangtt	nnntttnttc	960
nnnnnannna	nccccccctt	ngnggnnccn	nnngggcntt	ttctcntngn	naanngttnt	1020
nnnannccct	tttgnnnnnn	gggnnttgng	nttcggnnng	ccnngggggg	nnnnccnnnn	1080
gnngnnnnnn	gannangann	nnnggnggnc	gtntnnnnng	ccgcggggnn	nnngnnnncg	1140
ngnnnnnnng	nnnnnnngnn	cnnngnnnnn	nnngnnnnnn	nnnnnnangn	nnnnnnnnnn	1200
nnngngnnng	ngnnnnnnnc	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1260
nnnnntntnt	aancnnnnnn	nnnnnnnnnn	nggnnnnnng	nnnnnnngng	nnnnngnnnn	1320
nnnnnnnnnn	nnngnnnnnn	nnnnnnnnng	nnngnnngcg	nnnnnnngnn	nnngnnnnnn	1380
nnnnnnngng	gnnnnnnggn	gnnnnnnnnn	nnnccgcnnn	nnngnnnnnn	cnnnnnnnnn	1440
gnnnnnnnnn	cnnnnngnnn	nnnnnnnnnn	nnngnnntng	nnnnnccggn	gnnttc	1496

&lt;210&gt; 37

&lt;211&gt; 1604

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1604)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 37

atgcagtcct	ggatggagcc	gactgcatca	tgctgtctgg	agaaacagcc	aaaggggact	60
atcctctgga	ggctgtgctg	atgcagcacc	tgattgcccg	tgaggcagag	gctgccatct	120
accacttgca	attatttgag	gaactccgcc	gcctggcgcc	cattaccagc	gacccacag	180
aagccaccgc	cgtgggtgcc	gtggaggcct	ccttcaagtg	ctgcagtggg	gccataatcg	240
tcctcaccaa	gtctggcagg	tctgtctacc	aggtggccag	ataccgccc	cgtgccccca	300
tcattgtctg	gacccggaat	ccccagacag	ctcgtcaggc	ccacctgtac	cgtggcatct	360
tcctgtgtgt	gtgcaaggac	ccagtccagg	aggcctgggc	tgaggacgtg	gacctccggg	420
tgaactttgc	catgaatgtt	ggcaaggccc	gaggcttctt	caagaaggga	gatgtggtca	480
ttgtgtctgac	ccggtatggc	ccctgtcccg	gnttccacca	cacctgctgt	gttgttctctg	540
tgcgngatg	gaccccanag	ccctccttcc	agcncctgtg	ccacccctt	teccanccaa	600
tccattaagn	cannaangct	tgtanaaact	cactctggnc	tgtaaacntg	gncacntgtt	660
nggtngggac	accttgggaa	ggaaaaatca	acncctcant	tgnaaaattg	gggtaangnt	720
tgccantcnt	gtttttaaan	gggacnagnc	gcgaggaagg	gctnanttnn	ttanantnnn	780
agggggcccc	cnncccnat	nnanangggg	caaanaacgg	nanngnaaat	ngnttnnnnc	840
cttngnnngc	nccccnnng	ganncnccnn	nnccnggnnn	nnnnnagngg	gntcanennn	900

```

ntncccttnt nctnnntgng gtnnnccnnn nnnccnnnnn cacgttnaaa annnaaatnn 960
ngncccnnnn gnnngcetca cncnnttngn ggnnngaccn anccaccnng cnatngggng 1020
ntgggnagggg ctctnccnca aancantnng gnettcgtna ngngtgnnnn nnnnnnnnna 1080
ncnngntnnn nncncnnngc nannngttnn cnngntnccn cccacttgtn tnnchnnnng 1140
ngtnnnngnn tngannntcn nngnttgnat cccggnaana cnannnncgg ncncnggcnn 1200
nccnncnnn gnncnntccc nnncccnatn nngggggann nctgcnanct nnnnnngancn 1260
cnnnnnnnnn gncncanncg antngngnng nnnntnnccn nnnnnnnnnn nnnnnnnnnn 1320
nntnnnnnnn nccgnttntg ctngcagtag tntcgngnt ntcnnnnnnn ngnnnnnnnn 1380
ncnnnnnnnn nctngnacnt tngnacgcnn nagtcgaent nctnggacnt nntnnncant 1440
cnngccnngt nnngrntnng ngcnacnnn nnnacnnngg cgnnnnnnnc ncatnncnnc 1500
nctnanannn ggtngngng nnnccctccn nnnnagnnnn natannngcn nnanncnccn 1560
nnnnnnnnnc ngnnnnncnn nntcnncgaa nanntgncac nacg 1604

```

```

<210> 38
<211> 280
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(280)
<223> n = A,T,C or G

```

```

<400> 38
tttttttttt tttttaattt atcagngett aaaaatcttc aaaatagctt agtgaggctc 60
atgacagtgc tggcccatg gaaatgtagc cttttgttgc gtttaaacac tgtcacacca 120
tctatgactg tcccattggt ctgaagtgtg gtggcaaaact aagcatccta taagacaagc 180
taaagcttgc tttttgccag tcagttgaaa gtcttgcacg tottcaactga tgcactttct 240
ttaggtattg atagtcagaa gcacaaagca tttattatgc 280

```

```

<210> 39
<211> 378
<212> DNA
<213> Homo sapien

```

```

<400> 39
cgagtttata atcctataat gaagaatact ggcacaggca atgctcactc gaaaacttca 60
agtaattttc agttggtttt ggaatgcttg ataaagttcc tttacagctt tattttcctg 120
atgtgttttg gtttagatca aagttcaaat taattttaac ttagctaattg aactcatcac 180
caggacagtt ggagggggta ggccgaggtt aaatgggtcca cgtttcaaaa atgttaattg 240
ctaattcata attaaagaag gttaaactgt tactgaagtt tacaagtttt attgtcatga 300
acatgaaata caaacacgat ggcttcgaaa tgtctttcaa taaatgtttc tgcatttata 360
tggaaaaaaa aaaaaaaa 378

```

```

<210> 40
<211> 2039
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(2039)
<223> n = A,T,C or G

```

&lt;400&gt; 40

caacttttgt	agaagtattt	ttttctctgt	aataattttta	ttggctcata	aagatgtttt	60
catatctgaa	ctcctaaata	agtgaatta	cagtagatta	tattaacaaa	atacttttta	120
ggtagccatg	cttgagactt	tttaaaaata	taactttttc	cttaaagttt	tcagctatag	180
caaaaggtag	ttatgtatgc	cagacctaat	atgagctgcc	accaacaccc	ctagaacttt	240
cagccatggt	gtcttcagaa	ttgtagcgca	tttctgaate	tagcaaatcc	tcctttttacc	300
cgttgaatgt	tttgaatgcc	ctgactctac	cagcgcccat	aatgatctc	tagaaggact	360
gttagtacca	acctgttttt	caactttgaa	gctaaaaacc	ctgatatggt	aatattatgg	420
tgcatacgag	aggctctcgga	aaaaaaatat	ttctgttcac	tttactttca	ggttaaaaat	480
gtttctaaca	cgcttgcaac	ttcccttatg	gcattaatct	tgttgaggga	gagagacaga	540
atcctggact	ctccaaaagta	tttaactgaa	agtagggcct	gctctgacag	ggcccatgtc	600
ccacaaggct	ggcttnggcc	tcaggggggg	gctttggctg	gtgcttgga	tgaaaattgn	660
tgganncngg	tntttgggga	taaanggacc	aaanggacca	gccaaaagcn	aaaaaatngg	720
gntttttaaa	ngccttgggg	ggnttacctt	tttcttttaa	angnnggttt	naaagnatta	780
gggctaaaag	ccantttnc	aaaaaanget	cccnananaa	aatggtggaa	aagggnccct	840
tttggncgac	aggncctttg	nggaaaattg	cccccaneng	ggcccttttt	tgccccccc	900
nncccaaaaa	aaagntgggn	ngaagnnttn	ttaaaacctt	nnngnggcc	ntttttttng	960
nnaaanccnc	cncnngggg	gncgcccnc	ttntttntt	ntntcceng	gngnccnnt	1020
ttttttncgg	cngaccnnc	gggntcaan	nnctgnanaa	gnngntatct	ggcngggnn	1080
gcgcngaaa	gnnnnngggn	ncngngggg	nnncgcncg	nnannnttnt	nggggnaaa	1140
aaaaaaganc	cctctnttnc	tctctntnt	naanntnnnn	ngnnnnnnan	ncnngcnnn	1200
gnngngnngn	nnnnnnngnc	nnncnnnnn	gggggngggg	cncncncnc	nnnnantng	1260
gggcgnetcn	tnnnnnnccc	cncnccggg	ncnnnnncnn	ggngngngcn	ntntngnng	1320
tcengntgt	gtntgnnnng	ncnnncncnc	cncgnnnnc	tnnnnntntg	ntnngnnng	1380
gggngnnncn	nnccncncg	tgnnnnntnt	nnnnnnnnnn	nnganggna	nnncnnncnn	1440
nnnnnnnnnn	gggngcnnn	nnccnnncnn	tnnnnnnngg	nggnggggg	gnnnnnnnnn	1500
nnnggnnnng	nnnnnnnnnn	nnncncncnn	nnnnntgng	cgnnnnnnnc	nncnngnnn	1560
nnnnntnnnn	nnnnnnnnnn	nnncnnnnnn	nnnnnnnnnn	nnnnnnnnng	nnnnnnnnnn	1620
nnnnnnnnnn	nnnnnnngng	gnnnnancgn	tngcngngng	tnnnnnnnnn	nnnnnnnnnn	1680
nnnnnnnnnn	nnnnnnngnn	nnnnnnnnnn	nnangnnnnn	nnnnngnnnn	nnnnnnnnnn	1740
gnnnnnnnnn	cntgcgagc	nnngncnnn	nnnnntggn	nnnnnnngnn	tcgncnnnn	1800
nnnnnecngg	ggcgntnnnn	ncncccgcn	gntgncnnnn	nnngcnnnnn	ncnnnnnnnn	1860
ngnnntnnnn	cnnnnnnncc	nnnnnnnnnc	nnnagngnnn	ngngnncnnc	nnnnnatnn	1920
gannnnnnnn	ncnnncnnnn	nnnnnecgnn	ngcnnngnn	ngnnnnnnnn	nnnnntcncn	1980
ncnncnnngn	nnngnnnnnn	nnncncncgn	gngnnngnn	cccgcccgcg	cngcgcgg	2039

&lt;210&gt; 41

&lt;211&gt; 319

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 41

tttttttttt	aaaaaaaaag	agtttattta	gaaagtatca	tagtgtaaac	aaacaaattg	60
taccactttg	attttcttgg	aatacaagac	tcgtagtgca	aagctgaagt	tgtgtgtaca	120
agactcttga	cagttgtgct	tctctaggag	gttgggtttt	tttaaaaaaa	gaattatctg	180
tgaaccatac	gtgattaata	aagatttcct	ttaaggcaga	ggctggctga	gatgctgctg	240
ttatcttctg	cctcagacag	acagtataag	tggtcttggt	tctaagattc	ctaccaccag	300
ttactttggg	ccaagtatc					319

&lt;210&gt; 42

&lt;211&gt; 524

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(524)  
 <223> n = A,T,C or G

<400> 42  
 cctttttttt tttttttttt ttttctgatt tcaagtcaag atttattgct ttacaaacaa 60  
 acattatact tgggtcttaat agaaaaatga caccagatac atccaaaata catttcacat 120  
 tgggatatgct gccagttcag cacaaaacat acattactag gagcagggag gcatgaaaat 180  
 aaactatatac ttactttttg gtacgtcagg aacacttttg cctgaagtaa gccctttagt 240  
 actattttttt attttattta tttttttaat ccacccatct gcacactggn ccttttagtac 300  
 tctttaagta taaaacttta cttgtcctgg gctttgaccc ttgtgtttga tctaaatgac 360  
 atttcaaaca taaatgtctt ttgactagtg cgcttactgn tatgtacana atttaaaatg 420  
 tgatcgttng aatntaaaat ctgggttgat acatgatata aaagttgtat atttaaaatn 480  
 caagaaatgt ttttggggaa tatttctact aaagaatttt aaat 524

<210> 43  
 <211> 103  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(103)  
 <223> n = A,T,C or G

<400> 43  
 cctttttttt ttttttttgc nngaaataag gaatctataa atctgaaata aagaaatccc 60  
 attttaaatt aaattgttaa agagacacat aagaaaaaac act 103

<210> 44  
 <211> 425  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(425)  
 <223> n = A,T,C or G

<400> 44  
 gtcgacaaga taatgtactg acatctctag caatcttttt tgccagtggc tttaaattgc 60  
 caataagtta aagaatattg ttccataggg ttaaattttt attcttattt tcacatttaa 120  
 atttattttt cttaattttt gtggatacat aatatgtgta tatatgtatg ccatatatgg 180  
 tatattttga tgcaggcata ctctatataa taatcacatt agaggaaatg agatatccat 240  
 tacctctagc atttattctt tttattacaa gncaattcaa ttgtacactt tttagttatt 300  
 tttaaattta caatgttatt gattacaggg tcatttttat ggtcataata aaaaatttta 360  
 tacaaaacgt gtaaaatcta tacatttctg agttctgaat aaatatTTTT taaaaatttt 420  
 aaaaa 425

<210> 45  
 <211> 492  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(492)  
 <223> n = A,T,C or G

<400> 45  
 gtcgactgcc cccaccgctg ggcgggcgctg cggggcaccg aggetctgca gtcagcgccg 60  
 cgccgggaat cctgtacccg ggcggggaata agtaccagac cattgacaac taccagccgt 120  
 acccggtgcgc agaggacgag gagtgcgcca ctgatgagta ctgcgctagt cccaccgctg 180  
 gaggggacgc aggcgtgcaa atctgtctcg cctgcaggaa gcgcccgaata cgctgcatgc 240  
 gtcacgctat gtgctgcccc gggaattact gcaaaaatgg aatatgtgtg tcttctgac 300  
 aaaatcattt ccgaggagaa attgaggaaa ccactactga aagctttggt aatgatcata 360  
 gcaccttgga tgggtattcc agaagaacca ccttgtcttc aaaaatgtat cacaccaaag 420  
 gacaagaagg ttctgtttgt ctccggtcat cagactgtgc ctccangattg tgttgtgcta 480  
 gacacttctg gt 492

<210> 46  
 <211> 499  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(499)  
 <223> n = A,T,C or G

<400> 46  
 cctttttttt ttttttttat aacattttata taatgtgcta acaatgaatc catccatgat 60  
 ttattgtttg taatgaactt aaaataaccc tttacaaatt aaaatcattt tttcaaact 120  
 gacttcatat tgaaatggtt ctgttaaaaa agtaaaagt tgaattttcca gccaathtag 180  
 catctaggac ctgaatcttg ccaatatcct accactatc ttcattccta cctcctaccc 240  
 cttcaaatac gctcctccag actttcctat ttctgtcacc ccagttcaaa atggttttca 300  
 ccattgcattt gatgtaaaat gtgcaagtgc gatattgact cacaagtat caattgtgtg 360  
 gacaatgata actactgtga cactgctagc acccctggct aaaagtaaga agcaacaaaa 420  
 ttacacaggg ttcttttctg atgaatgcag nanggattca agaaatccca ganctggaaa 480  
 aagattttca atagatctg 499

<210> 47  
 <211> 537  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(537)  
 <223> n = A,T,C or G

<400> 47  
 gtcgacattt ttctgaggaa tagtttgtga ttccaatgca ggtgtcttca ttaccattac 60  
 ctctacactg cagaagaagc aaaactcctt tattagaatt actgcacatg tgtatgggga 120  
 aaatagtctt gaaaggctag aatgatacaa gtgagcaaaa gttggtcagc ttggctatgg 180  
 agtgggtggc ataattctta aacattccaa aagaccatga gctgaacctt aactcccttg 240  
 gaattctgaac aaaggaatat aaaattgcca ttgtgaaaact gaccagctaa tctggacctc 300

```

agagatagat cagccagtgg cccaaagcca ttccaagtac agaaattata gagactacag 360
ctaaataaat ttgaacatta aatataattt taccactttt tgtctttata agcatatttg 420
taaactcaga actgagcaga agtgacttta ctttctcaag ttgatactg agttgactgn 480
ttcccttata cctcaccctt tcccttccc tttcctaagg caatagtgc caactta 537

```

```

<210> 48
<211> 556
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(556)
<223> n = A,T,C or G

```

```

<400> 48
gtcgactttt tttttttttt ttagnnntat aaaatatttt atttacagta gagctttaca 60
aaaatagtct taaattaata caaatccctt ttgcaatata acttatatga ctatcttctc 120
aaaaacgtga cattcgatta taacacataa actacattta tagttgttaa gtcaccttgt 180
agtataaata tgttttcatc ttttttttgt aataaggtac ataccaataa caatgaacaa 240
tggaacaaca atcttatatt gttattcttc caatgtaaaa ttcattctctg gccaaaacaa 300
aattaaccaa agaaaagtaa aacaattgtc cctctgttca acaatacagt cttttttaat 360
tatttgagag tttatctgac agagacacag cattaaactg aaagcaccat ggcataaagt 420
ctagtaacat tatcctcaaa agctttttcc aatgnctttc ctncactgn ttattcagta 480
tttggccagt acaaaataaa gattgggtct caactctctc tttcattagt ctcaagngtt 540
cctattatgc actgag 556

```

```

<210> 49
<211> 355
<212> DNA
<213> Homo sapien

```

```

<400> 49
gtcgaccgag cctctccccc cctcagtcgc atagacttat gtgttttgct aaaattcagg 60
tattactgaa ttagcgttta atccacttcc tttcttcttc ttctaaaata ttgggcactc 120
ggttatcttt taaaattcac acagaaaaat tccgtttggg agactccttc caatgaaatc 180
tcaggaataa ttaaactcta gggggacttt cttaaaaaata actagaggga cctattttcc 240
tcttttttat gttttagact gttagattatt tattaaaatt ctttaataat aggaaaaggg 300
gaaagtattt attgtacatt attttcatag attaaataaa tgtctttata atacc 355

```

```

<210> 50
<211> 507
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(507)
<223> n = A,T,C or G

```

```

<400> 50
cctttttttt ttttttttaa aaaaaaaaaa ttctgtttat tgtaataatt aaataagagt 60
aaacatttta aaacatataa aaataacttt aaaatatagt aacactttac aaaatatgta 120
tctaattaaa aatacattaa catagcatcc ctcaaaactat acaaatatag aatatatatt 180

```



```

catgaaattc tttanaaata taacatctat tctttgaata aagcttaaaa tttgtttata 240
attttcaaac taanaaaaga agtagngaat aatagctcca tccaatttat aattgtctta 300
aagagaatga ttatgtatca tttcttgctt gtcttttcta ataccagtc aatcacctgt 360
acagcattgt tgtttgctgt tttcttcatt tcttcaaata gacccttga aagtttttaa 420
gatcctttag atagaactta gagatttcaa agagacgctg gctgcatgca gtgaaacatt 480
catgagtctc ggtaatactg ngtttct 507

```

```

<210> 51
<211> 538
<212> DNA
<213> Homo sapien

```

```

<400> 51
gtcgacgcaa aagtttgact aaactttacc tttttatagt ttcacttttt aagttatatt 60
tagaatatat tgatagatta taaattgatt gtgaaacttt tttctgaatt ttttcaacat 120
gttttactca gttacatgag ttaaaggata ttttcagtc ttttatcttc aattgcagtc 180
tttaaaaaaa cccaccctat tgttctactt gttatatgtc tattcataca gtaaattcat 240
ttcaaggttt atgccagtgg gtattattgg tgccttttga agttgaggtg aaccatccag 300
gaaggctctg ttaatgttat gttcatctat aatggcatag gggaaatata tatattttta 360
atattgtaaa catttgtact gaataacctt tttttcccc cctccgcaag caaaactgg 420
tgaacagcgg atgaagatat ggaattcaaa gctctaattg acctttttga agagaagttg 480
tggcttatgt ggagtttaca tgggcctctg atggaagaaa gctaattctg ttagtatt 538

```

```

<210> 52
<211> 504
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(504)
<223> n = A,T,C or G

```

```

<400> 52
cctttttttt ttttttttta aagtacaaat tcagtttatt catctgttta tgacacagta 60
cacaggaggc aaagtgtttc acatcataga cttcacttcc aactccttgg aatgttcatt 120
tctttggctt acaggagaga ctagacagga aggccaggca atgcttaggc aactaaaatg 180
aggttggggg taatgctaac gtcaccctca cagggatggc cacggggact gttattcgca 240
agctggtttt ctagacctgt tagctggaag catggtgagc accatttctg gacgctcagg 300
ccgntcggg cttcagtcac ntocaccaca caggtagcgc agcgttttct ggtagtcgcc 360
cttagtgtct tgctggatat aatagtagag ggacttgccg tactttctct tgaattcaga 420
cctaattttc aacatgtcca cttcactgng ggagaccatg attctgatca ggacccttat 480
ctcgcgtccc cttgcccttc atgg 504

```

```

<210> 53
<211> 489
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

```

```

<400> 53
gtcgacttta gatgtacagg ctgacanana agattcccga gagtaaatca tctttccaat      60
ccagaggaac aagcatgtct ctctgccaag atccatctaa actggagtga tgtagcaga      120
cccagcttag agttcttctt tctttcttaa gccctttgct ctggaggaag ttctccagct      180
tcagctcaac tcacagcttc tccaagcadc accctgggag tttcctgagg gttttctcat      240
aaatgagggc tgcacattgc ctgttctgct tcgaagtatt caataccgct cagtatttta      300
aatgaagtga ttctannatt tggtttgga tcaatnggaa agcatatgca gccaaccaag      360
atgcaaatgt tttgaaatga tatgaccaa attttaagta ggaaagtcac ccaaacactt      420
ctgctttcac ttaagtgtct ggcccgnaat actgtaggaa caagcatgat cttgntactg      480
tgatatttt                                     489

```

```

<210> 54
<211> 577
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(577)
<223> n = A,T,C or G

```

```

<400> 54
cctttttttt tttttttttt aagaactcaa tacatggctt ttaattattg tctataattt      60
aaggaaataa tcacctacaa ataggatggt tctcaagttg gcttacaaat ttgttacttg      120
gcagactgaa aacatttccc acagaacaaa tattatacac aatgggtggg ttcctttggg      180
taatgcataa tgtttactcc ataatttatt taccacaaaa catgaattga acatttcttt      240
gtgccanaaa ctattctaac actagaaata caatagtaat gaacaaatag aaaaaaatcc      300
tattgtcatt ggtattacat ccatagtttt ttctccaaga gaataaaaagt aagtaaaata      360
tatagaatta tagataatga tatatgctat ggtgaaaaac aaagctgggt aaagggatag      420
agaatggggg aaggataatt ttaactgatt attagtagaa tgtactagta tctctgttct      480
aaaaggattt aagataggta ttacttaccg aacctaahta ttacaaataa aatagcaatg      540
cttacactag gaaagacttt caactgagaa gcattat                                     577

```

```

<210> 55
<211> 483
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(483)
<223> n = A,T,C or G

```

```

<400> 55
cctttttttt tttttttcac caataattat tttattcagg gagtaaatgt tattaattgc      60
caaaatacga attttaaatt tgagaagtac agatttgtaa gtatatattt gtttgaatag      120
tatcanattg gccttttatt ggcttattgg tatttagngc cagcacttac aatgtgaact      180
cagcaacaga agataattct tatgaaatca acattcaact tacatgaaat aacttaaaaa      240
cttaccaaca atagtctaatt gattatatac ctttaccaaa caatgtctaa tgaaagtcca      300
aatgtaaaaa tttaaaaatt aaaattatag aatataattt ttacacatca attgttttgt      360
agcaccatct cgcaaaagaa atatcatggt tattctgtag ctaaaatttc tccccacaag      420
cagaaattgt ttggaatata caaaaagaca acccattaac aagtaacttt aagtaatgta      480
ggt                                             483

```

<210> 56  
 <211> 521  
 <212> DNA  
 <213> Homo sapien

<400> 56  
 gtcgaccaga cttaagcatt gagtttttac catcttcac ttttaagctaa gttatgatac 60  
 ctattccatt cacaattggg gttcttttta aggtttgcaa atttcagcca atttttagc 120  
 taagattggt ctgatcagct caaaaagatt tggcttagtg ttttcattgc aaattataat 180  
 tgcgtgagag ccacacacaa cttttgaact ttttaattata agtggttatg ctaaagttat 240  
 ttactgaaaa tttcagtaaa atgtgtgaat gtttctttat gtattaacct catagcagta 300  
 aatgacttgc tgttgtttta tttttctaag gcattctaat agacttctgt tgaaaacttc 360  
 agtggttaaca tttttatagt ttgtactaaa ttttaaccgtg atataaaaaat gaattttatg 420  
 catagatcag gaatttttaa ttaaagggtt tttcttttaa aaaaaaaaaa aaaaaggggc 480  
 gccgctcgag tctagagggc ccgttttaac ccgctgatca g 521

<210> 57  
 <211> 542  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(542)  
 <223> n = A,T,C or G

<400> 57  
 cctttttttt tttttttaca acttcacatt ctttaatgtt cattcagaat attaaatgcc 60  
 attaatgac catcattatt ataaaattta ctatttagat aagttagtt tagtacagt 120  
 ctatttaaaag tatggaactg ttactggtgt gtgatcagta cagaaattga gactaagcat 180  
 ttagaaacct agagcaattt gacgtagcaa tcttctgtct gttgaatcta ataacaaaaa 240  
 aaattttttc aatttttgcatt atctttttta aatttaattt gtcaaggaat tcatttttag 300  
 catattttac aaaaacatca ttctctatg gagactattt ggaaatacaa ataagaaaac 360  
 tggttcttac cacagatagt ttttagaaac ctggtttagn gtaaagccat catttagtat 420  
 aaagncatct attattactg ttactctgaa gtgggtactg agcattacaa cagtnggtng 480  
 gattataagt ttgtttacta aanatgctag gatttattaa ctcatgtata tattttattga 540  
 ga 542

<210> 58  
 <211> 261  
 <212> DNA  
 <213> Homo sapien

<400> 58  
 gtcgacagag aaggtctatg tcaacagagt tggtatctca tagagccagt tttcaaagct 60  
 ccttctgcat tgtcactcac tgatcaggtg atgaattctt cctagatagt cgcccactcc 120  
 acctcctact taacctgaga ctcatatttt agctatttct gcttttgtaa aaataattca 180  
 gatattaaac tccaatttta atctatcatc caagggtaga tgtagttgct tagtagcatt 240  
 ttggaaaaaa aaaaaaaaaa g 261

<210> 59  
 <211> 480  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(480)  
 <223> n = A,T,C or G

<400> 59  
 cctttttttt ttttttttaa atatagaagt tctgagttag acctgttttag ctcanaatag 60  
 tgggctaaac taccataaaa ttctctgtat atctttaaag gtaatgggtc aaaaactcca 120  
 gaaaatcatc agttgataac acacctacag ataagtgcac gggtaggagg ggatagccaa 180  
 gtgcccatga taatttgacc tcagtaaatt aaactgggca atacacatat ttgctattct 240  
 gatactgcat tagacttata aaattccatc taataagcat tcataaaaact ggacctctct 300  
 gtatatatct agcttagaca gggataggga aaagaataac tgaagaaact agcttacaat 360  
 agctagggtt cgtcaggctt attctatcca gccagaaacc accaccagag agaagctgag 420  
 ccattcagct gncgtgtctc tctccctctg tttgaatagt catgcctagg ccttgctgca 480

<210> 60  
 <211> 493  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(493)  
 <223> n = A,T,C or G

<400> 60  
 cctttttttt ttttttttgt ccttctgttt atttcatttt ggatactcag tgaatgttaa 60  
 ttaaccagga aacttaaaag ttatttcaat tatgaacctc ttcaatcctt catcaattat 120  
 tttgagtatt ctggtcttaa aaacatctct ttcttctaca aacttctgaa agagatgaac 180  
 acctccacct acaccaaaat aatgtgcttt gctggccaaa agtacacgtc catttttact 240  
 taacagtcta aggaaagtct ggtgcaaatt actataataa tctgggttgt aaatggtttc 300  
 tgaggtgaga atgagatcat attttacaaa aagtttttca ctacttagta caagcttaca 360  
 aaactcagac cactcaccag aaaaaaatcg gcattttatat agttgngtta cttttgggtt 420  
 cctgcactct ttcacatctg gctcatttac atcattttct tcatcttcca aagtggagtt 480  
 agctactaca tta 493

<210> 61  
 <211> 532  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(532)  
 <223> n = A,T,C or G

<400> 61  
 tttttttttt tttttttgaa aaatataaaa ttttaataaa ggctacatct ctttaattaca 60  
 ataattattg taccaagtaa ttttccttaa atgaactctt tataatgcat aatttacagt 120  
 ataagtagaa caaaatgtca tgacaaaagt cattgagtac aagacttgta ataaaaaggc 180  
 ataaaatata ttatatacata aacccttttc aaaaaacaag ggaaagcttg agccctcaat 240  
 atagggcgac acaoggagcg ggtgacgctg caggtagagg tactgtactg atttaaagtc 300  
 aagcactaga gatagnggat taatactctt ttgccgtaca ctatatacag atgtatagta 360

```

caagtaacaa tggcaaacag aatgtacaga ttaacttaac acaaaaaccc gaacatcaaa 420
atgaaggtgt gtggaggaaa ggtgctgctg ggtctcccta caactgttca tttctttgng 480
gggcaggggg tagttcctga atggctgngg tccaatgact aatgtaaaac aa 532

```

```

<210> 62
<211> 567
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(567)
<223> n = A,T,C or G

```

```

<400> 62
gtcgactttt tttttttttt taagtatttt aggcattttt aataaataac ttcagtaaatt      60
agcactgtaa aaagtgaact gttaaaacta aaggcactta aaacaagaat gtgactagtgt      120
tgaaacaaga tgggcaactc aaatggtaga aagtaaacat acagtggctc gttatggcac      180
taactcaaaag taagactcgc gtaggtgaga gctgttgcat agccacagta taacttcaca      240
tgttcattaa aaaggcaaat tgaccgctaa aacttcaaag aaaaagtact cataaaaaaa      300
gtcttaccctt aaaattgcaa acaaatacat taaaagatta gaagaggtga tagaaagcac      360
cagacattaa acaaaataaa aataataaaa taaattcaac tcaaaaggct cccattcagc      420
aaatactttg taaaagtatg gctgttatgt aaatagttgc taaatcaagg acttttttagc      480
agaaaattgc tcggttcttt tatctaaggc ttgaatttgt aaagngaagg cataaaagtt      540
nccaaacatt aagtaactct taaaatg

```

```

<210> 63
<211> 247
<212> DNA
<213> Homo sapien

```

```

<400> 63
gtcgacaaac aaacttggct tgataatcat ttgggcagct tgggtaagta cgcaacttac      60
ttttccacca aagaactgtc agcagctgcc tgcttttctg tgatgtatgt atcctgttga      120
cttttccaga aattttttta gagtttgagt tactattgaa tttaatcaga ctttctgatt      180
aaagggtttt ctttcttttt taataaaaca catctgtctg gtgtggtatg aaaaaaaaaa      240
aaaaaag

```

```

<210> 64
<211> 330
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(330)
<223> n = A,T,C or G

```

```

<400> 64
cctttttttt tttttttttt tttttgacat ggagtcttac tctgtcaccg aggctggagt      60
gcagtagtgc aagctcggtc cactgcaacc tcaggcagga ctatttttaa ttatttttaa      120
tacctgcaaa agggaatctg cacatgcaca tccgtgttcc tacanaaatc tgcgatcgat      180
ggcagatctg ttgtcccttt ngtgtccaca tgaaccattt ggcaaaggca tccaatgcta      240
acggggccca ccaactacaa cggaggcaac aactctgngg atttnttttc acagaaagag      300

```

taaaattttca ttcaaccggtt ccatgtcgac

330

<210> 65

<211> 486

<212> DNA

<213> Homo sapien

<400> 65

cctttttttt	tttttttact	aggcaaagaa	ctttattaat	ctttgtttca	aacttgattc	60
ccaggcttct	tcggcttaat	tagctgcaaa	gaatgaattg	tgtataagca	aaaactgaaa	120
agagctgcag	tgtccaaggg	gcttgggcct	aaaaatatta	gagatctaga	ttttatcaga	180
tccataaaca	aaaattttct	aaaaagcagt	cataatataa	aatagcagct	cccagtaact	240
tcttcagggt	ttatcttcag	aagttgactc	aattcagttt	gcctcattct	tggaagcctc	300
atcaaaattc	tccacaagat	ctggaacttc	atcatcatca	tcctctccag	tagcaagtgg	360
tgcttttcca	tccacagatt	gtttgggcag	agcttcggcc	agcttcctta	aactagtcag	420
actatccgca	ccaagctggg	ttaagatgct	gggtagcatt	tctgtcagct	gctttgtctc	480
agcatg						486

<210> 66

<211> 503

<212> DNA

<213> Homo sapien

<400> 66

gtcgaccgtc	agacagcaac	tcagagaata	accagagaac	aaccagattg	aaacaatgga	60
ggatctttgt	gtggcaaaaca	cactctttgc	cctcaattta	ttcaagcatt	tggaacaaagc	120
aagcccccac	cagaacctct	tcctctcccc	atggagcatt	tcgtccacca	tggtccatggt	180
ctacatgggc	tccaggggca	gcaccgaaga	ccagatggcc	aagggtgctc	agtttaaatga	240
agtgggagcc	aatgcagtta	cccccatgac	tccagagaac	ttaccagct	gtgggttcat	300
gcagcagatc	cagaagggtta	gttatcctga	tgcgattttg	caggcacaag	ctgcagataa	360
aatccattca	tccttcctgt	ctctcagctc	tgcaatcaat	gcacccacag	ggaattatatt	420
actggaaagt	gtcaataaagc	tgtttggtga	gaagtctgcg	agcttcgggg	aagaatatat	480
tcgactctgt	cagaatatatt	act				503

<210> 67

<211> 519

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(519)

<223> n = A,T,C or G

<400> 67

cctttttttt	tttttttgaa	taaatttttt	ttttattttt	acaccataat	ccaattctag	60
ttatcttaat	tgaatttgaa	aactttttca	attgcattaa	atttacaata	aagttctccc	120
acattacact	aaagcattcc	tcattgtttc	cttcagttac	tcagatactg	aatgagtaaa	180
atcattttat	tggtctctct	tttaattaact	ccttcaaatg	cacattgttt	aaaaactgac	240
taggtcaaaa	atagttacnc	ctgcaggttg	acctattcag	actttgcca	actcctccaa	300
gttcaatata	aattgacgtt	ttcagagtac	aaagtcaatt	ttacggaaac	gctgttcctc	360
cttttccatg	gagccaatct	gggttaatttt	ttcattaaaa	ttcttcttct	gcctgtttgc	420
tgcggaactc	tttgagctgc	tgtagccgct	cgatagtttc	anaaatgggtg	cgttcccgct	480
ggaccttatt	gtcctcttgt	gaggatatna	acagtgccca			519

<210> 68  
 <211> 495  
 <212> DNA  
 <213> Homo sapien

<400> 68  
 gtcgactaaa gctgaagaga taaaagaggt tgtggggcta tgtcttaaga caaaagaaca 60  
 tttagaaaac ctcaggaaat gatcagagtg ggatagatgt tactagaaga aacaaagaaa 120  
 ttgaattcaa ttaggagtta gaatcattta caaagcaatg gggaaagtaa gccctaaaa 180  
 actattgtag catatagtaa ccagagccaa actctcataa tatattcccc aaggcaaaag 240  
 aaaaatattt acaagattgg cgttggttta tatgtttgca aacttattta ataagtctgg 300  
 ctttgtagat ttcatactcg agtctgcatt caatcaaaat gtcttggtta aacttcatga 360  
 aaaaacccca gccctataaa ttagtagttg gaaaaaggag gcataattag agctttttca 420  
 gataattgta tttctttgat acattagact ggacacacag tagtttggtt aagggttaatt 480  
 gcaatattgc aatga 495

<210> 69  
 <211> 525  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(525)  
 <223> n = A,T,C or G

<400> 69  
 gtcgacgcca ccattgttga ggcgcgcctg gtccagggct ccattcctcaa gaagggtgtg 60  
 gaggcactca aggacctcat caacgaggcc tgctgggata ttagctccag cggtgtaaac 120  
 ctgcagagca tggactcgtc ccacgtctct ttggtgcagc tcacctgcg gtctgagggc 180  
 ttgcacacct accgctgcga ccgcaacctg gccatgggcg tgaacctcac cagtatgtcc 240  
 aaaatactaa aatgcgcggc caatgaagat atcattacac taaggggcga agataacgcg 300  
 gataaccttg cgctagtatt tgaagcacca aaccaggaga aagtttcaga ctatgaaatg 360  
 aagttgatgg atttagatgt tgaacaactt ggaattccag aacaggagta cagctgtgta 420  
 gtaaagatgc cttctggtga atttgcacgt atatgccgag atctcagcca tattggagat 480  
 gctgntgtaa tttcctgtgc aaaagacgga gtgaaatttt ctgca 525

<210> 70  
 <211> 511  
 <212> DNA  
 <213> Homo sapien

<400> 70  
 gtcgacattt tatatataat actactaatg gcatagatta acaaaatatt ttacatgtag 60  
 gaaaggacat aagattactt ttaaagaata gtatgaaata cacaatattc aaatgtgttt 120  
 gcaatgccta ccaaatttca aatgtgcctg gatcatgtat aaattaagga aagaaaaaag 180  
 gatcatgtat aaattaagga aagaaaaaat gtaagtatac aacctacacg gtaaaaacaa 240  
 aaaccaaaaca cctgggttaa aatatctatt taagctcgag tgtataacct taacaattt 300  
 gtgtatcact agaaaaatgg atttattagt aaaatttagg gcagagattt tattttggac 360  
 accactgcct ttgtagaaaa atccaaagtg gcataaaaag aaaaataaaa tattaataaga 420  
 aaaaatatat attatcattc ccattgtccc atcctgttac tagcattgct gttctggtgc 480  
 atcaatcctg agtactctaa cttttgattt a 511

<210> 71  
 <211> 464  
 <212> DNA  
 <213> Homo sapien

<400> 71  
 cctttttttt ttttttttga agagcttctt gcactgttat aagaaagaac atgtgggaga 60  
 ttgcaaacaa agcaacataa agagtataca gcctgtagga gtctgactaa agtaaaaaaa 120  
 actcatgtct ttgttttagtg agtatctgta tactaagtta atgcaatgcc aattagattc 180  
 aaatttaaatt aagtacaagc aaatgtactg aaagtattag gaatgcatca tctactttgc 240  
 taaataattt gcactccgca ttctgcaatt acatgagcat gccattggta taatattggg 300  
 tatataacat ttaacatgtt agttttttaa agaattgtaga tacattcata gagatcagta 360  
 tttttacaga tgttttttact ataaaaggaa ccatgtataa cattgatattt taccttcagt 420  
 tttgataata ggctgaagac tgccttcaat cactttaatt ttg 464

<210> 72  
 <211> 234  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(234)  
 <223> n = A,T,C or G

<400> 72  
 aataaaannt gaacaaaagg aaaagggtga tataaagtgg aacctgtggg aaagaggcaa 60  
 gggctgcagg acagaagaga ctgggaactg caggggccct gggactcagg aggagatgct 120  
 gattcagctc ataggtgacc cagtcctggc cccggctgtt cccaagagaa ggctgtaagt 180  
 acccagggag gtggttaagca ggatggagga aaaatcagag gactgggggt cgac 234

<210> 73  
 <211> 143  
 <212> DNA  
 <213> Homo sapien

<400> 73  
 gtgcactaaa taagtcaatt cctggaattt gaaagagcaa ataaagacct gagaaccttc 60  
 cagaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 120  
 aaaaaaaaaa aaaaaaaaaa ggg 143

<210> 74  
 <211> 533  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(533)  
 <223> n = A,T,C or G

<400> 74  
 gtgcacataa tctagggcatg aagagcaaaa atatcccttc cggagtcttt gaagctgaaa 60  
 atataaaaca aataaaaaat aaaaaataa aaaccacaa aaatgttgaa ccaaacctcc 120



ctgctaattct	ccatgcccac	gttcttttccc	acctgtttcc	cagtcttctg	acaaactgtg	180
tacatagcgg	actcctcctt	tctcctccga	ggtggtttta	aaggcttttt	ggtgtataga	240
agttttgtcca	tttgtaaaac	tccggattgc	gttctctccc	gccttccgcc	ccttcccttc	300
cctaaagtga	tgggctttct	cttttctctt	tttagtttac	cgggtttctt	tttaagtaat	360
gtggaagaaa	atgggtttatt	ttgtattgng	gtattgaata	ttnggttcct	ttttatgagg	420
caaacctgat	tgtaaacctt	atgtaactat	agactggaag	aaaatgagcc	gngccaaaag	480
tctncccttc	tgtttcttca	gcacattgac	ccatnncaca	cacatacaca	cca	533

<210> 75  
 <211> 485  
 <212> DNA  
 <213> Homo sapien

<400> 75						
gtcgaccttc	cctaggctgt	ttctgctggg	cgctccgcga	agatgcagct	caagccgatg	60
gagatcaacc	ccgagatgct	gaacaaagtg	ctgtcccggc	tgggggtcgc	cggccagtgg	120
cgtctcgtgg	acgtgctggg	gctggaagag	gagtctctgg	gctcggtgcc	agcgccctgc	180
tgcgcgctgc	tgctgctggt	ttccctcacg	gccagcatg	agaacttcag	gaaaaagcag	240
attgaagagc	tgaagggaca	agaagttagt	cctaaagtgt	acttcatgaa	gcagaccatt	300
gggaattcct	gtggcacaat	cggacttatt	cacgcagtgg	ccaataatca	agacaaactg	360
ggatttgagg	atggatcagt	tctgaaacag	tttctttctg	aaacagagaa	aatgtcccct	420
gaagacagag	caaaatgctt	tgaaaagaat	gaggccatac	aggcagccca	tgatgccgtg	480
gcaca						485

<210> 76  
 <211> 417  
 <212> DNA  
 <213> Homo sapien

<400> 76						
cacgctgggt	ttgcatcttc	aggagacgct	cgtagccctc	gcgcttctcc	tgggccaatt	60
cgcggaagaa	gtggctcacg	ccttccagag	ccacatcctc	gcggtcgaaa	tagaagccca	120
gagagaggta	ggtgtaggag	gcctgcaggt	acaaattgac	caggctgttg	acggctgcct	180
ccacgtcggg	ggaataattc	tgacgaatct	gggagctcat	ggttggttgg	caagaaggag	240
ctaaccacaa	aaacggtgct	ggcaggtccc	agaagcagga	gatggccgag	aagatggtcc	300
cggaggttgc	aagcggagag	gaaatcggag	ggcggctcga	ggctggaaga	gagtccccgg	360
atctgttccg	tccaaacact	gttgaagcaa	gagacagacc	cgcgggaccg	cgtcgac	417

<210> 77  
 <211> 547  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(547)  
 <223> n = A,T,C or G

<400> 77						
gtcgaccttt	tattaagaat	atattttatc	aggcattttg	ataacaaaact	gttactctaa	60
gtataggtga	tttaccagct	gtattttaaa	aagtaaatga	atcccactgt	agtttttctt	120
gaaggaaaaa	tcattttctc	agttgctgag	gggtactaaa	agcttcatac	acattagcag	180
caaagtcttt	cacttgctcc	attgtcaaca	gatactgaac	aaaatgacta	ggtgtttcac	240
tgcaaaactga	atggatctgt	ccgttttaata	ttggaattat	cttagctaaa	ggcaggctga	300

```

cactggaaag actattcata gagttacat gttgcaggtc ctgttcagta ggtcgaaaga 360
actcagccat attgtctaga agtctactaa aacctcggtt taaacaggta ttcaaaactg 420
tactaaaatc tgggctttcc aacatgtctc tagtttcatt gagaagttaa atagtggtaa 480
tgtctcgagg agaangtcca caggcctgca ctgctaattg agtttcttca tctggcatca 540
tataatg 547

```

```

<210> 78
<211> 499
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(499)
<223> n = A,T,C or G

```

```

<400> 78
cctttttttt tttttttttt ttttnaaaaa aaatcttttt ttatttcaaa gattgcttct 60
tatattgaag ctcatattaa agcaacagta caatgttcat aaaatataag tgtgatgccg 120
taacattttc ttacatgtca gaatactgat atttatatgt atactaaaat aagaacttta 180
aaattgtaca aatagatata ttaaaaatga catagaaata gggcgtctnt cactgaaaca 240
agacagttat atctggcacg tattagttta agatgaaagt agaagcaaaa agatttacaa 300
gaatcagcag taacaagatt gatgctcaag agacataatt gtacattgna ttgtacatac 360
attgtatggg ttttaagctgg ctgaatntta tatatttcaa gtttaaaaat gcactacata 420
tagagtgtcc agagtttaag gcgaaattac agctcanaac tgntgncctt tctaattttg 480
gggaagcttn tttgacaac 499

```

```

<210> 79
<211> 370
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(370)
<223> n = A,T,C or G

```

```

<400> 79
cctttttttt tttttttttt ttttaaggag caatgacatt tcctagaagt tactttaaga 60
atttccttag agggtcgggt atcatctcan ccagatcttt ctcatccttc aaggccctgt 120
ttggtacagc ttgctaggaa gctgttccag actgcagcag ccctctctgg ggtctctcta 180
ccacttccca ggcactcana acttgtgcct kannanactg ttttgtggca ctgnccatt 240
ctctgattct ccattgtgagc tggttttatc ccattccagca tggctgtgaa atcctaaagg 300
ttcaaaccac agccactctt cacttatatt tccccaaaat ggctagcacg ggaaagggcc 360
caaagtagg 370

```

```

<210> 80
<211> 428
<212> DNA
<213> Homo sapien

```

```

<400> 80
gtcgacaaaa agggaaggaa ggagagacag ataactctca gtcattttaa aaactacaat 60
aaaatattat gaattatcaa ttagatcaaa gttcctcaca gctatattta tataggtaaa 120

```

```

aaaaaattaa ataggctaaa tgcccaaaaa ttttaagactg gcaaaatata cttgggctaaa 180
tactgtgcgt ctctattaaa taccatgttt cagaagaatt attaatagaca tgagaatatg 240
ctcaaaatac atattgatat gtgcaaatac atattgcaaa gtaagattat agaataatcc 300
tagttcaaaa atgtcacata tatatgtatt taaaaaaaaa ggcagttaag atttacaaca 360
aaatgttagt ggtgggacct tctggttaga atacagattt ttttttattc agaagttttt 420
tgatgtcg 428

```

```

<210> 81
<211> 533
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(533)
<223> n = A,T,C or G

```

```

<400> 81
cctttttttt tttttttatt tttaaaattt ttttattttg aaataattat aaattatcag 60
aaagttgcaa acaaagccca gtcaggctcc atgtaccagt ttcactgcc aatcttttaa 120
aggaggatta gacgaatctg actgctaaaa gtggcccagg gattctggag aaaatccaac 180
aggtttgcta tcaggaaagc aatttcactt acaattcagg tttgactgca agtgaaagtg 240
gttgaaacaa gtgagaagnt gattgcttcc tcatataata gtctaaatgt aggtgtccaa 300
gcctggaata gaggtcctgg tctcttaagt tctcaggaa acaggcttct tttagccact 360
ccacatctct aggggtgttg cctcatggtc caaaatggng actggaattc cagccatcac 420
atntgctttc caggcagcaa aatggaagaa ggggcacana agaacagaga tgacaatag 480
tataaacaag ctctcttttt aaaggagatt cccaggagct gctacatgac act 533

```

```

<210> 82
<211> 493
<212> DNA
<213> Homo sapien

```

```

<400> 82
gtcgaccgc gaagatgcag ctcaagccga tggagatcaa ccccgagatg ctgaacaaaag 60
tgctgtcccg gctgggggtc gccggccagt ggcgcttctg ggacgtgctg gggctggaag 120
aggagtctct gggctcggtg ccagcgcttg cctgcgcgct gctgctgctg tttccctca 180
cggcccagca tgagaacttc aggaaaaaagc agattgaaga gctgaaggga caagaagtta 240
gtcctaaagt gtacttcatg aagcagacca ttgggaattc ctgtggcaca atcggactta 300
ttcacgcagt ggccaataat caagacaaac tgggatttga ggatggatca gttctgaaac 360
agtttctttc tgaaacagag aaaatgtccc ctgaagacag agcaaaatgc tttgaaaaga 420
atgaggccat acaggcagcc catgatgccg tggcacagga aggccaatgt cggggtagat 480
gacaagggtga att 493

```

```

<210> 83
<211> 501
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(501)
<223> n = A,T,C or G

```

```

<400> 83
cctttttttt tttttttgta ataaagacac tgcttttatt tagtttgata tgttttcttta    60
cagaatgcag aaaacacatc ttaaaatcat atagaaggaa ataaaaacac atcagtgggt    120
ggtgaacact tgaatgtgag attggctctc catctcacag agtccaacgg ccatcaccag    180
cccagcgctc aggggagcag gctgcctgca aaggcattgt tgctgttggt attctgttca    240
ctgccccatc gcctccagtt gctatggcaa caggccattc tgggccagcc acgtctctgc    300
atggcagtg ccaatgggtg agttgctagg ggcgacggag ctgtttgga ggcccttcaa    360
agccctcacc tggaacattg ggaattgttt attttttgat gaggnocatca gaaataatct    420
tcaccagggtc agatccact tgtgctcctg tctctggggc accaggggaa actctgactt    480
ggaggcatga gccagtcac c                                         501

```

```

<210> 84
<211> 454
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(454)
<223> n = A,T,C or G

```

```

<400> 84
cctttttttt tttttttttt ttttatgcta ataaaacatc ataatttaag gactacactg    60
catttttttaa ttccataaat tataatcctt taacatatat gaaagtttca tattctttaa    120
gngcttttaa atatatttta tttttttaac aagtggaaaa gaatgtttct taaaagacat    180
ttaatttttt agtggaattt aatattacca aaaacattct gtgcataaca atttgaataa    240
caattttttt atcttcaaga aatgggattt ttatataaaa tacacatgta gcaactgaatg    300
ccaaagtgat gggatatccat ggtcanaatt caaaattaga ttcgctatta aacctgtctg    360
gtttgtgtcc tgagtgaana atgatctcga gctggggagg gaggtgcatt gggtaatcag    420
tgcttttgaa ggtgaatttc cttgctgnga aata                                         454

```

```

<210> 85
<211> 509
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(509)
<223> n = A,T,C or G

```

```

<400> 85
gtcgaccgct ctcagctctc ggcgacgggc ccagcttcct tcaaaatgtc tactgttcac    60
gaaatcctgt gcaagctcag cttggagggt gatcaactcta ccccccaag tgcataatggg    120
tctgtcaaa cctatactaa ctttgatgct gagcgggatg ctttgaacat tgaaacagcc    180
atcaagacca aaggtgtgga tgaggtcacc attgtcaaca ttttgaccaa ccgcagcaat    240
gcacagagac aggatattgc cttcgccctac cagagaagga caaaaaagga acttgcatca    300
gcaactgaagt cagccttatc tggccacctg gagacgggtga ttttgggcct attgaagaca    360
cctgctcagt atgacgcttc tgagctaaaa gcttccatga aggggctggg aaccgacgag    420
gactctctca ttgagatcat ctgctccaga accaaccagg agctgcagga aattaacaga    480
gtctacaang aaatgtacaa gactgatct                                         509

```

```

<210> 86
<211> 520

```

<212> DNA  
<213> Homo sapien

<400> 86  
gtcgacgggc gccaggggtct ttgtggattg catgttgaca ttgaccgtga gattcgggctt 60  
caaaccaata ctgccttttg aatatgacag aatcaatagc ccagagagct tagtcaaaga 120  
cgatatcacg gtctacctta accaaggcac tttcttaagc agaaaatatt gttgagggtta 180  
cctttgctgc taaagatcca atcttctaac gccacaacag catagcaaat cctaggataa 240  
ttcacctcct catttgacaa atcagagctg taattcaett taacaaatta cgcattttcta 300  
tcacgttcac taacagctta tgataagtct gtgtagtctt ccttttctcc agttctgtta 360  
cccaatttag attagtaaag cgtacacaac tggaaagact gctgtaataa cacagccttg 420  
ttatttttaa gtccctatttt gatattaatt tctgattagt tagtaaataa cacctggatt 480  
ctatggagga cctcgggtctt catccaagtg gctgagtat 520

<210> 87  
<211> 171  
<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (1)...(171)  
<223> n = A,T,C or G

<400> 87  
gtcgacgagt acagtatcac ctgagctgac ctactctga ggactaactc ttttgcctga 60  
agcggtttct gatttacagc tcttggttct tcccagacat gttggtggga gagattttgg 120  
tttttaagggt gttgttagat ggagtaaann ttctttaagn nttattttt t 171

<210> 88  
<211> 508  
<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (1)...(508)  
<223> n = A,T,C or G

<400> 88  
cctttttttt tttttttttt tttttgnagt aaaaaatctt tatttccaaa atgatttggt 60  
agccaaaaga actataaacc acctaacaag actttggtta gaaagagact tgatgcttct 120  
tataaattcc ccattgcaaa caaaaaataa caatccaaca agagtcattg taccattct 180  
tagccattaa cctggtttta agtctccaaa atcaggattt taaaatgtac ccaactggga 240  
ccaaatacaa acatgagaca ctagggnggc ttgtccttga ttaggaatca ccagcttaag 300  
gaactttatc atgggctgag agttagatag atagcttana acaacattgc aaaagngggg 360  
gcttctacat gaggactttt ttccccccaa gtagaaaaat aattaaatct tngtcttct 420  
tatattngnc tttttttggg agaaagcaat tcatttaagg atttaaaaaca tgttggatac 480  
aaaggtagtt canagatgta ataagtgt 508

<210> 89  
<211> 508  
<212> DNA  
<213> Homo sapien

&lt;400&gt; 89

gtcgacggga	taaatagaaa	gcagaatgaa	ttaatggaaa	agaactcggc	tgtagggcca	60
ttctctaaat	tctagtttag	ccaaaagttt	atgtgtggtt	tggggcttca	tttattttatc	120
tcatgagtaa	aatggaataa	tacctaacag	gcaggctctg	gaagttggaa	atcacataca	180
cacacacaca	cacacagaca	cacacacaca	cgatcaatca	tgtagctcat	attagatggt	240
caataaataa	cagctactac	agatgcctat	cagttgagta	agtagttcat	taaattgagc	300
tcccaaaggt	ctcttctctt	cacatccata	tccgtttctg	cagcaatcaa	atagatacat	360
gattgttttt	ctgtaagaaa	ttactgcaaa	gagaattctt	ttctcctact	aactgttctt	420
tctacctggt	ataggagata	aatgtacgtt	tcttaattag	ctgacttttt	agtatgtcat	480
ttctgaagga	aaaataaatt	aaccttaa				508

&lt;210&gt; 90

&lt;211&gt; 531

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 90

gtcgacacga	gtcccgcggt	ctctccttga	atccactcgc	cagcccgccg	ccctctgcgc	60
ccgcaccctg	cacaccgcgc	cctctcctgt	gccaggaact	tgctactacc	agcaccatgc	120
cctaccaata	tccagcactg	accccgagc	agaagaagga	gctgtctgac	atcgctcacc	180
gcatcggtgc	acctggcaag	ggcctcctgg	ctgcagatga	gtccactggg	agcattgccca	240
agcggtgca	gtccattggc	accgagaaca	ccgaggagaa	ccggcgcttc	taccgccagc	300
tgctgctgac	agctgacgac	cgcgtgaacc	cctgcattgg	gggtgtcatc	ctcttccatg	360
agacactcta	ccagaaggcg	gatgatgggc	gtcccttccc	ccaagttatc	aatccaagg	420
gcggtgttgt	gggcatcaag	gtagacaagg	gcgtggctcc	cctggcaggg	acaaatggcg	480
agactaccac	ccaaggggtg	gatgggctgt	ctgagcgctg	tgcccagtac	a	531

&lt;210&gt; 91

&lt;211&gt; 426

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 91

gtcgacaatt	gaggcctaca	agagagggga	gcctaggagc	ttggattgac	cttctagtca	60
accacctgac	ttcagcacac	cattacaatc	gggagactaa	accaacaacc	agaggatcta	120
aaatgtcaca	ttcagatttt	caggaagaaa	atcttcatta	cagtggagca	caaattgtcc	180
atacaagaca	tcattgagga	gccatgctgt	cccccttcta	cctgaaacac	attctttccc	240
atcctgggtg	ggcttctgta	cctccttatt	aatttatgaa	cctgaagttg	cttgaagtgt	300
tttgggctta	ataaatgggg	tgaaagtata	ggtagcagta	acacctacat	gaaacaatac	360
accttggatc	ttttaatcta	aattactttt	cttttttaag	tctactttta	aaataaatac	420
ttctgt						426

&lt;210&gt; 92

&lt;211&gt; 223

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 92

gtcgactttt	aaagcaattg	actaggagaa	actatttgta	gcttatataa	caaggactat	60
atataaataa	aaaactatct	ctatgaaaat	cttaaaaatta	cacacagtcc	gatgaaaata	120
atcatatatt	aaaaaggcaa	accagaaaaa	taaatacaga	tgaccaaaat	ccatgtgaca	180
tatttggcct	aattagtaat	tagaaaaaaa	aaaaaaaaaa	aaa		223

<210> 93  
 <211> 486  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(486)  
 <223> n = A,T,C or G

```
<400> 93
cctttttttt tttttttttt tttttttttt tctcaaatat ccaattttat tttatcattc      60
tcgcattggg ggatgcgacg tgcagctagg atcggaattc ccaggcctat anatttttaa      120
accacaccac aggggtaaac cttaaaagaa gngaaaccta acactatata tatttccatt      180
tctaaataca gtatattaca naagttttaa tatnccacct ntgngtactt acaactntaa      240
aaagatncaa tancctctacc aattataaat aatgtancat ttcataattaa agacattatc      300
gtncaatgga anaataggaa cctntaacg  tatcactatc aaggttagng tctatatcta      360
cttganataa aatactgaaa attcagngta tgaagccaaa tcttgattta acaagttatt      420
ggtagtataa gtgataagtg ttancgatg  aagggaaggc aaatgtggta atttatatct      480
ctgaca                                         486
```

<210> 94  
 <211> 214  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(214)  
 <223> n = A,T,C or G

```
<400> 94
cctttttttt tttttttttt tttttttttt ttttngcaa cacaagtcaa tctttattga      60
aaactgcagt attaatacat aacaattctt gttacaataa acgtgctttt ganattttta      120
aatctgagct catctcatca gattgcataa aaaattaaaa tagtntcaat tgacacctaa      180
ctgaactggc tcaggatgga aattccattc cttg                                         214
```

<210> 95  
 <211> 463  
 <212> DNA  
 <213> Homo sapien

```
<400> 95
gtcgaccaga attcagagcg aatggtcaca gttggtcgct gggcaaaggg aatgagtgca      60
gactatgaag aaatttttga tgtacctaaa ccgcaaaaaa ccaaaacaaa aatacctaaa      120
gttggttaatt tttgataaca gctagcacta tcatgagtta ctacctcatt gttactttct      180
aaaccaggcc cgcttcacga gttagagttg agctccccctg tagccaggac tatgctgtag      240
atatcagtat gatctgggtg tggccaaaaa caattttctt tattctgtct atcaaatagt      300
acttctacca ctgtttggag aaaattgaag aaaagaataa gatgattaaa tgaattctct      360
aaaagaacat attttaagag acagaactta gacataacca agtagttgta tacctgattg      420
taacaatcat cttttataaa agcaaaatta tgcataaatg taa                                         463
```

<210> 96  
 <211> 606

<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (1)...(606)  
<223> n = A,T,C or G

<400> 96  
gtcgacttta aaagtgcctc ggcacacctgt attacatgtc atagaattgt aaagtcaaca 60  
tcaattacta gtaatcattc tgcactcact ggggtgcatag catgggttaga ggggctagag 120  
atggacagtc atcaactggc ggatatagcg gtacatatga tccttagcca ccagggcaca 180  
agcttaccag tagacaatac agacagagct tttgttgagc tgtaactgag ctatggaata 240  
gcttctttga tgtacctctt tgccttaaata tgccttttag ttctaagatt gtagaatgat 300  
cctttcaaat tgtaatcttt tctaacagag atattttaat atacttgctt tcttaaaaaa 360  
caaaaaaact actgtcagta ttaatactga gccagactgg catctacaga tttcagatct 420  
atcattttat tgattcttaa gcttgtatta aaaactaggc aatatcatca tggatacata 480  
ggagaagaca catttacaat cattcattgg gccttttata tgtctatcca tccatcatca 540  
tttgaggcct aatatatgcc aagtaactcac atggtatgca ttgngacata aaaaagactg 600  
tctata 606

<210> 97  
<211> 530  
<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (1)...(530)  
<223> n = A,T,C or G

<400> 97  
cctttttttt tttttttgta gattttttgc tatgttactc aggcctggctt tggactcctg 60  
ggctcaagcg atcctccac cttggcttcc caaagtgcc ggattatagg catgagccac 120  
catgctcggc ctgctccttt tcttgaaaca cctcctctgt ggttttagatt ccaggagact 180  
ggaatggtct gccctgggtg gctgctgagt cagggaactg aggtgtttgt tcaactgggga 240  
ggcgggttca gatcaggaat gtaaggatga tggaaagaag ggagtcactc tggtttggtg 300  
ggactgggga gcaatcttga tcacggccac ttacagcttc tgccattgtc cttcaccact 360  
atctcagcat ctcggtccct cactgatgtc ctccagtc aa ttgtgtccat gtgacaaagc 420  
ttatcgttct tctcaatata aacacccctt gacagaatct cggtgagctg agtcaagcgg 480  
agctggcgca nagegtggct ggagttggtg ttatagttca acatgacgaa 530

<210> 98  
<211> 479  
<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (1)...(479)  
<223> n = A,T,C or G

<400> 98  
gtcgacgggtt agtttctgcg acttgtgttg ggactgctga taggaagatg tcttcaggaa 60



```

atgctaaaat tgggcaccct gcccccaact tcaaagccac agctgttatg ccagatggtc      120
agtttaaaaga tatcagcctg tctgactaca aaggaaaata tgttgtgttc ttcttttacc      180
ctcttgactt caccttttgt tgccccacgg agatcattgc tttcagtgat agggcagaag      240
aatttaagaa actcaactgc caagtgattg gtgcttctgt ggattctcac ttctgtcatc      300
tagcatgggt caatacacct aagaaacaag gaggactggg acccatgaac attcctttgg      360
tatcagaccc gaagcgcacc attgctcang attatggggt cttaaaggct gatgaaggca      420
tctcgttcag ggggcctttt tatcattgat gataagggta ttcttcggca gatcactgt      479

```

<210> 99

<211> 502

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(502)

<223> n = A,T,C or G

<400> 99

```

cctttttttt tttttttgta agtttaaaatt tatttttttaa aaatgcttgt cttcctcact      60
agacaatcaa ctctatgagg gcagagacta tgtcaccact gtcccaccag cccctggcac      120
acagtaggta ctcaataaat atatgttgga aggatggatg gaggtaatgg atggaaagat      180
ggatggaagg atgaatggag ggatggatgt gaccagctg aagtgtgagt aggaacattc      240
tcttattatg ggtggaggaa agagagagga gattgagaaa ataagataaa atacattgat      300
gagcatcatt tttggtgttc gaaaagttag attgaattag gactaataaa tctagagaat      360
tttacctctt tcaatgccca agccacactt ttctatcact ttgaaaccga aaaagtaaatt      420
actttcccaa catttgcttt gctggtagga aatgctttta taaaaatgca atctctangt      480
tgccatggca tcattaaaaag aa

```

<210> 100

<211> 537

<212> DNA

<213> Homo sapien

<400> 100

```

gtcgaccctt tccataaatc cttgatgatt gacaacaccc atttttcctt ttgccgaccc      60
caagagtttt gggagtgtga gttaatcacc aagagaattt ggggcttcca agttgttcgg      120
gccaaggacc tgagacctga agggttgact ttaccatttt ggggtgggagt gttgagcatc      180
tgtccccctt tagatctctg aagccacaaa taggatgctt gggaagactc ctagctgtcc      240
tttttcctct ccacacagtg ctcaaggcca gcttatagtc atatatatca cccagacata      300
aaggaaaaga cacatttttt aggaaatggt ttaataaaaa gaaaattaca aaaaaaaatt      360
ttaaagaccc ctaacccttt gtgtgctctc cattctgctc cttccccatc gttgccccca      420
tttctgagggt gcactgggag gctccccctc tatttggggc ttgatgactt ttctttttgt      480
agctggggct ttgatgttcc ttccagtggt cattttctcat ccacataccc tgacctg      537

```

<210> 101

<211> 611

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(611)

<223> n = A,T,C or G

&lt;400&gt; 101

```

gtcgacctaa aatgaagtgt ttgaaatcag aaatctatct ctaatgtctc atagcttttaa    60
aactatTTTT gtccttatac tcatacttgt tattttatct tattcatcct atatatgccat    120
ttgactgaaa tgtagaaaat aattttattaa attgagaaaa tatgcaggca ttgaacaatc    180
tttcaagtat tttgaataaa aattcaaatt attatagatt gcctggaatt gttaagactg    240
tcagaaggtc agctcattga tagctaagta gtatacactc tgaaaaacag aatgtagaaa    300
tgggttttat aaaagctgac ctctagagta aaggaggacc cagcatgtgt aattcttcct    360
cttaatactt taagaccact aatttgagga cttatgggtt ctcaccactg cactcttgca    420
gctttcaaga aagtacttaa gttttaaatg cccagggtgat ttctaagact cttgaataga    480
attgggtggg ttcttctgat attgcatttt catgagaaaa aatttcagtg gtacattaat    540
ttttatTTTT ctttttgctt atagacttcg catatcattt aaagtgatgg ttcgagcttn    600
ctctggatac t                                     611

```

&lt;210&gt; 102

&lt;211&gt; 498

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(498)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 102

```

cctttttttt ttttttttta acgcatatct gtttttatct ataggtaact accacatgaa    60
ttataaagac aacaaaggat gtcagaatga acatggatag gtgtatgcat actacggcta    120
aggagaaaca atgttcctac atattatggg tagtgagaaac attatctgta taacaggga    180
ctgtgattat ttaaaaaatat gcagaactta tttcatctgt gctttanaaa taactgtata    240
cagtgttata agttgaaaag aactcaaaat aactaatacc aaatatacac ctatgtatta    300
naattcaaaa aagctgcttt ctgtgaagtc aatcagctat attaaaaaat gacacaaatc    360
caaaacaaga tgcattgttat atataaaggg acattgtaag tttccttgct gcattaaacc    420
catggtttaa tccatgaaat ttctttttta ttatcattta gacagaagca tgcaaatagt    480
ctcaggatct acttaaga                                     498

```

&lt;210&gt; 103

&lt;211&gt; 446

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 103

```

gtgactctt ggtgtttttg tatttccacc tcacccccag cacatagccc agtctcttgc    60
acaaattaag tacttaatgt gtgttgagct aaattgaata aaggattatt agcattagca    120
tattttgtgc cttggttgta taagctgggt gtttgttttg ttacctttgc aaatatattat    180
gattatcacc ccccccacata ctaaattggt tttaaaagtt ttgcctttcc ttcagatact    240
acccaggca atttgctgta gataatgtga ttgcttccaa tgacataaatt atcccaaact    300
ctctgccccg gatatacttt gccaaacgaa atttgaattc tctgaataaaa ttgggtcatgt    360
cctaaaaaaa aaaaaaaagg ggggcccgtc gaggctagag ggccccgttt    420
taaaccocgc tgatcagcct cgactg                                     446

```

&lt;210&gt; 104

&lt;211&gt; 286

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(286)  
 <223> n = A,T,C or G

<400> 104  
 gtcgaccttc gttatccgcg atgcgtntcc tggcagctac attcctgctc ctggcgctca 60  
 gcaccgctgc ccaggccgaa ccggtgcagt tcaaggactg cggttctgtg gatggagtta 120  
 taaaggaagt gaatgtgagc ccatgcccc aaccaacctg ccagctgagc aaaggacagt 180  
 cttacagcgt caatgtcacc ttcaccagca atattcagtc taaaagcagc aaggccgtgg 240  
 tgcattggcat cctgatgggc gtcccanttc cctttcccat tcctga 286

<210> 105  
 <211> 406  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(406)  
 <223> n = A,T,C or G

<400> 105  
 gtcgacgcgt agcagagtgg tcgttgctct tctaggtctc agccgggtcgt cgcgacgttc 60  
 gcccgctcgc tctgaggctc ctgaagccga aaccagctag actttcctcc ttccgcgctg 120  
 cctgtagcgg cgttggtgcc actccgccac catgttcgag gcgcgcctgg tccagggtc 180  
 catcctcaag aaggtgttgg aggcactcaa ggacctcacc aacgaggcct gctgggatat 240  
 tagctccagc ggtgtaaacc tgcagagcat ggactcgtcc cagctctctt tgggtgcagct 300  
 caccctgcgg tctgagggct tcgacaccta ccgctgcgac cgcaacctgg ccatgggcgt 360  
 gaacctcacc agtatgttca aaatactaaa atgcgccggc aatgaa 406

<210> 106  
 <211> 258  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(258)  
 <223> n = A,T,C or G

<400> 106  
 gtcgacgatt ttttttgtac attttggtct cagtattggt ggtagaatat actataatat 60  
 ggatcatctc tacttctgta tttatttatt tattactaga cctcaaccac agtcttcttt 120  
 ttccctctcc acctctcttt gcctgttaga tgtactgtat gtagtcatgc actttgtatt 180  
 aatatattan aaatctacag atctgttttg nactttttat actggttgat acttataatc 240  
 aaaactttta ctagggta 258

<210> 107  
 <211> 369  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(369)  
 <223> n = A,T,C or G

<400> 107  
 gtcgacgtaa aatagaaaca gaaggggact ttatcaacct gattaacttt ctcaacatgt 60  
 taaccttaca gttaacatta taatcaatgg tgaatcattg agtactttcc ttctaagatc 120  
 agaaacagtt caaagtcac tctcaccatt tctattcaac attgtactgg aatcccagcc 180  
 agtgcagtaa taccaataat aaaaaattaa agtcataaag attgaaaagg atgaagtaaa 240  
 gctattttcaa ttntatttag aagtatttag aaaccccaaa gaatctacaa aaaactaata 300  
 gaaataagtg aatatatgaa ggtcttacta tacaagatca acatatcaaa agcagtggtgta 360  
 ttttaagaaa 369

<210> 108  
 <211> 289  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(289)  
 <223> n = A,T,C or G

<400> 108  
 gtcgacattg catccttgaa atcctgggct caggtgatcc tcccgccctga gcctcctgag 60  
 tatctgggac tacagatgcg tgccaccaag cctggctaatt tttgtctcat gtcttctaaa 120  
 aattattttg tgaagcccct tcacaaaaaa ccttaaggga aatctgatgg tgctcaggaa 180  
 tctaaactct cctaaaccat cctcttttaac tgcttctaaa atatctctgt tggcctttct 240  
 tanccttttt ctgtttccat tcagtgtctc aagcgctttt tgtttctaa 289

<210> 109  
 <211> 444  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(444)  
 <223> n = A,T,C or G

<400> 109  
 gtcgacctgg cgttggcacc gctgaggaat gggcctgggc ggggaggggac atctctacac 60  
 cgttcccac cgggaacagg gcaacatcta caagcccaac aacaaggcca tggcagacga 120  
 gctgagcgag aagcaagtgt acgacgcgca caccaaggag atcgacctgg tcaaccgcga 180  
 ccctaaacac ctcaacgatg acgtgggtcaa gattgacttt gaagatgtga ttgcagaacc 240  
 agaagggaca cacagttttg acggcatttg gaaggccagc ttcaccacct tcaactgtgac 300  
 naaatactgg ttttaccgct tgctgtctgc cctctttggc atcccgatgg caotcatctg 360  
 gggcatttaa cttcgccatt ctctctttcc tgcacatntg ggcagttgta accatgcatt 420  
 aagagcttcc tgattgagat tcag 444

<210> 110  
 <211> 196  
 <212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(196)

<223> n = A,T,C or G

<400> 110

cctttttttt	ttttttcatt	aaataancca	tcatcacatt	agtacaatac	aattttatat	60
tttttaaata	tactatatat	gttaaggata	aggggtgaag	ttttcttcct	ttgtaatacc	120
tggtcaagag	tttaatggat	taggagatta	gngttaacct	tgaggataaa	agtncaaatt	180
tgtctcatta	ggacac					196

<210> 111

<211> 544

<212> DNA

<213> Homo sapien

<400> 111

gtcgacctca	gccggtcgtc	gcgacgttcg	cccgtcgcct	ctgaggctcc	tgaagccgaa	60
accagctaga	ctttcctcct	tcccgcctgc	ctgtagcggc	gttggttgcca	ctccgccacc	120
atgttcgagg	cgcgcctggt	ccagggtccc	atcctcaaga	aggtgttgga	ggcactcaag	180
gacctcatca	acgaggcctg	ctgggatatt	agctccagcg	gtgtaaacct	gcagagcatg	240
gactcgtecc	acgtctcttt	ggtgcagctc	accctgcggt	ctgagggtct	cgacacctac	300
cgetgcgacc	gcaacctggc	catgggcgtg	aacctcacca	gtatgtccaa	aatactaaaa	360
tgcgcgggca	atgaagatat	cattacacta	agggccgaag	ataacgcgga	taccttggcg	420
ctagtatttg	aagcaccaaa	ccaggagaaa	gtttcagact	atgaaatgaa	gttgatggat	480
ttagatgttg	aacaacttgg	aattccagaa	caggagtact	gctgtgtagt	aaagatgcct	540
tctg						544

<210> 112

<211> 378

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(378)

<223> n = A,T,C or G

<400> 112

gtcgacacgg	cttccgcacg	gtcatccgcc	cctttctacct	gaccaactcc	tcaggtgtgg	60
actagacggc	gtggcccaag	ggtggtgaga	accggagaa	cccaggacgc	cctcactgca	120
ggctcccttc	ctcggtcttc	ttcctctctg	caatgacctt	caacaaccgg	ccaccagatg	180
tcgccttact	cacctgagcg	ctcagcttca	agaaattact	ggaaggettc	cactagggtc	240
caccaggagt	tctcccacca	cctcaccagt	ttccagggtg	taagcaccag	gacgccctcg	300
aggttgctct	gggatccccc	cacagccctt	ggnccagtctg	cccttgncac	tggtctgaag	360
gtcattaaaa	ttacattg					378

<210> 113

<211> 530

<212> DNA

<213> Homo sapien

<400> 113  
 gtcgacgtcg ttgtctttct aggtctcagc cggctcgtcg gacgttcgcc cgtcgcgtct 60  
 gaggtctcctg aagccgaaac cagctagact ttctctcttc ccgcctgcct gtagcggcgt 120  
 tgttgccact ccgccaccat gtctgaggcg cgcctggtcc agggctccat cctcaagaag 180  
 gtgttgaggg cactcaagga cctcatcaac gaggcctgct gggatattag ctccagcgtt 240  
 gtaaacctgc agagcatgga ctctgtccac gtctctttgg tgcagctcac cctgcggtct 300  
 gagggcttcg acacctaccg ctgcgaccgc aacctggcca tgggcgtgaa cctcaccagt 360  
 atgtccaaaa tactaaaatg cgcgggcaat gaagatatca ttacactaag ggccgaagat 420  
 aacgcggata ccttggcgt agtatttgaa gcaccaaacc aggagaaagt ttcagactat 480  
 gaaatgaagt tgatggattt agatgttgaa caacttgga ttccagaaca 530

<210> 114  
 <211> 178  
 <212> DNA  
 <213> Homo sapien

<400> 114  
 gtgcacattt ctctctaata ttctataatc tccaactcct gaaaaccct ctctcaacta 60  
 atactttgct gttgaaatgt tgtgaaatgt taagtgtctg gaaatttttt ttttctaaga 120  
 aaaactatta aagtacttcc tagtagggca aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 178

<210> 115  
 <211> 211  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(211)  
 <223> n = A,T,C or G

<400> 115  
 cctttttttt ttttttttng gntcaatctt ttatttgga caaaggaaaa aaggactgac 60  
 accagtttag cctttgagtg tgcaaagctc tgccctccct cccaccctn agccccaat 120  
 ccaanatttc atagccctaa caccaccca agcagnttcc ctacacatg ccctttgntt 180  
 tcttctcttc ttctatggtt ccttaggnaa a 211

<210> 116  
 <211> 439  
 <212> DNA  
 <213> Homo sapien

<400> 116  
 gtcgacctgt cactcactac atgaataagc aaatattgtc ttcaaaagaa tgcacaagaa 60  
 ccacaattaa gatgtcatat tattttgaaa gtacaaaata tactaaaaga gtgtgtgtgt 120  
 attcacgcag ttactcgctt ccatttttat gacctttcaa ctataggtaa taactcttag 180  
 agaaattaat ttaatattag aatttctatt atgaatcatg tgaaagcatg acattcgttc 240  
 acaatagcac tattttaaat aaattataag ctttaaggta cgaagtattt aatagatcta 300  
 atcaaatatg ttgattcatg gctataataa agcaggagca attataaaat cttcaatcaa 360  
 ttgaactttt acaaaaacca cttgagaatt tcatgagcac tttaaaatct gaactttcaa 420  
 agcttgctat taaatcatt 439

<210> 117  
 <211> 357

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 117

gtcgactcca	aattgacttt	gcagcagggg	ggcaggggtca	ggagagtctg	gtcctgccta	60
gctcagatth	catggcacct	gcacttgaag	caagtcactt	ctttatcaca	ggtgtcttga	120
aacattagct	tctttttacca	acctgagaaa	attagatga	cctggcaa	aagatcttga	180
ataggccaaa	agcaagtatc	ttgctgtgtg	tagtctcttg	gttaaagtga	agaaacagta	240
ctgttcacac	ctttcttcac	tgagattcca	gtgtacatga	gaacatatat	ttattgcatg	300
atthttctaga	tacacagtct	atgcattatt	catatacatt	tatttttagcc	taaagtg	357

&lt;210&gt; 118

&lt;211&gt; 431

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 118

cctccctgag	gaaattagga	acctgttggc	agatgttgaa	acatttgtag	cagatatact	60
gaaaggagaa	aattttatcca	agaaagcaaa	ggaaaagaga	gaatccctta	ttaagaagat	120
aaaagatgta	aagtctatct	atcttcagga	atttcaagac	aaaggtgatg	cagaagatgg	180
ggaagaatat	gatgaccctt	ttgctggggc	tccagacact	atttcattag	cctcagaacg	240
atatgataaa	gacgatgaag	ccccctctga	tggagcccag	tttcctccaa	ttgcagcaca	300
agaccttctt	tttgtttctaa	aggctggcta	ccttgaaaaa	cgcagaaaag	atcacagctt	360
tctgggattt	gaatggcaga	aaacgggtgg	gtgctctcag	taaaacggta	ttctattatt	420
atggaagtga	t					431

&lt;210&gt; 119

&lt;211&gt; 131

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 119

cccctcgccc	gtcacgcacc	gcacgttctg	ggggaacctg	gcgctaaacc	attcgtagac	60
gacctgcttc	tgggtcgggg	tttctgactg	agcagagcag	ctccctcgct	gcgatctatt	120
gaaaggctga	c					131

&lt;210&gt; 120

&lt;211&gt; 409

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 120

gtcgacgtaa	aagccacaca	gaaatcaaaa	gataagaata	tagtttcagc	tacaaaaaag	60
cagcctcaga	ataaaaagtgc	atttcagaag	acaggaccca	gtcctttgaa	gtctcctggc	120
cgtacccac	tgtccatcgt	gagcctaccc	cagtcttcta	ccaaaacaca	aactgcaccg	180
aagtcagcac	agaactgtgc	taagagccag	cattcaacta	aagggcctcc	cagaagtggc	240
aaaaccccag	cttcaatcag	gaaaccaccc	tcattctgtta	aggatgcaga	tagtggagat	300
aaaaaaccta	ctgcaaagaa	aaaggaagat	gatgaccatt	atthttgtcat	gactggaagt	360
aagaaacctta	gaaaaataaat	acatactcat	tataaaaaaa	aaaaaaaag		409

&lt;210&gt; 121

&lt;211&gt; 131

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

<400> 121  
 cccctcgccc gtcacgcacc gcacgttcgt ggggaacctg gcgctaaacc attcgtagac 60  
 gacctgcttc tgggtcgggg tttcgtacgt agcagagcag ctccctcgct gcgatctatt 120  
 gaaaggtcga c 131

<210> 122  
 <211> 130  
 <212> DNA  
 <213> Homo sapien

<400> 122  
 gtcgaccttt caatagatcg cagcgaggga gctgctctgc tacgtacgaa accccgaccc 60  
 agaagcaggt cgtctacgaa tggtttagcg ccagggtccc cacgaacgtg cgggtgcgtga 120  
 cggcgagg 130

<210> 123  
 <211> 424  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(424)  
 <223> n = A,T,C or G

<400> 123  
 gtcgacgaga tgtggagtgg ctaaaagaag cctgtgttcc tgagaactta gaggaccagg 60  
 acctctattc caggcttgga cacctacatt tagactatta tatgaggaag caatcaactt 120  
 ctcaactgtt tcaaccactt tcaattgcag tcaaacctga attgtaagt aaattgcttt 180  
 cctgatagca aacctgttgg attttctcca gaatccctgg gccactttta gcagtcagat 240  
 tcgtctaata ctccttttaa gatggtggca gtgaaactgg tacatgggac ctgactgggc 300  
 tttgtttgca actttctgat aatttataat tatttcaaaa taaaaaatt taaaaataa 360  
 aaaaaaaaa aaagggcggc cgctcggagt ctagagggcc cgtttaaacc cgntgatcag 420  
 cctc 424

<210> 124  
 <211> 548  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(548)  
 <223> n = A,T,C or G

<400> 124  
 cctttttttt tttttttctc tagtaatgac tttattcatg aatctataat ggaattcaaa 60  
 atagcaaaga acatgaaaaat gticanatta atatttatta accaaatgca tcanaaaata 120  
 catctatttt cacatatcaa aagtgcctaa aatgcatgtg anaatataaa tattctccac 180  
 tttngngaac ttcaagataa tgaaaaattg cttataacac tttgccacaa aaactcatta 240  
 cactgcaaat ncagaanaaa taaaataact cattacattg cagatncaaa agaaatcaaa 300  
 tgtaactggc aaaataacca tttcatggct aatctttngg naaagngota ttttcacact 360  
 gaaaaaaga anttagaaaa gattaataaat tttaaattct gaaccatcat tctnaagtc 420



```

tgaagcgttt tcttttagtat tcactatggt catcacattc atgtgtnccc aacatgagac 480
taaacactat ctcaaaatct taaaaaatct ttccatncac anattatttc ctggaagnta 540
aaaattat 548

```

```

<210> 125
<211> 562
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(562)
<223> n = A,T,C or G

```

```

<400> 125
gtcgacgctc ctaacaaaga agatatcttg aaaatttcag aggatgagcg catggagctc 60
agtaagagct ttcgagtata ctgtattatc cttgtaaaac ccaaagatgt gagtctttgg 120
gctgcagtaa aggagacttg gaccaaacac tgtgacaaag cagagttctt cagttctgaa 180
aatgtttaaag tgtttgagtc aattaatatg gacacaaatg acatgtgggtt aatgatgaga 240
aaagcttaca aatacgctt tgataagtat agagaccaat acaactgggtt cttccttgca 300
cgccccacta cgtttgctat cattgaaaac ctaaagtatt ttttgttaaa aaaggatcca 360
tcacagcctt tctatctagg ccacactata aaatctggag accttgaata tgtgggtatg 420
gaaggaggaa ttgtcttaag tgtagaatca atgaaaagac ttaacagcct tctcaatatc 480
ccagaaaagt gtcctgaaca gggagggatg atttgggaaga tatctgaaga taaacagcta 540
gcagnttgcc tgaaatatgc tg 562

```

```

<210> 126
<211> 131
<212> DNA
<213> Homo sapien

```

```

<400> 126
cccctcgccc gtcacgcacc gcacgttcgt ggggaacctg gcgctaaacc attcgtagac 60
gacctgcttc tgggtcgggg tttcgtacgt agcagagcag ctccctcgct gcgatctatt 120
gaaaggtcga c 131

```

```

<210> 127
<211> 512
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(512)
<223> n = A,T,C or G

```

```

<400> 127
gtcgacgtcc ggcttcggag cgggagtgtt cgttgtgcc a gcgactaaaa agagaattaa 60
atatgggtga tggtgagaaa ggcaagaaga tttttattat gaagtgttcc cagtgccaca 120
ccggttgaaaa gggaggcaag cacaagactg ggccaaatct ccatgggtctc tttgggcgga 180
agacaggtca ggcccctgga tactcttaca cagccgccaa taagaacaaa ggcacatct 240
ggggagagga tacactgatg gagtattttg agaatcccaa gaagtacatc cctggaacaa 300
aaatgatctt tgtcggcatt aagaagaagg aagaaagggc agacttaata gcttatctca 360
aaaaagctac taatgagtaa taattggcca ctgccttatt tattacaaaa cagaaatgtc 420

```

```

tcatgacttt tttatgtgta ccatccttta atagatctca tacaccagan tttcagatca      480
tgaatgactg acagaatatt ttgttgggca gt                                     512

```

```

<210> 128
<211> 483
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(483)
<223> n = A,T,C or G

```

```

<400> 128
gtcgacgttt ttgtgatact gacacatccc ccccttcaga acaccctctg ccccttgatt      60
ctgtgcacag gaagctagtt gtcacctga atacactctt tcttccttgt aatacagcct     120
ctgattttga gcccaagaat aaagactaca gttctcagac tccttcgcaa ataaattttg     180
tgactaaaact ctagtcaaca gtaagtgtca tgtagcagct cctgggaatc tcctttaaaa     240
agagagcttg tttataccta ttgtcatctc tgttctctct tgccccctct tccattttgc     300
tgcttggaaa gcagatgtga ttgctggaat tccagtcacc attttggacc atgaggacaa     360
caccctanag atgtggagtg gctaaaagaa gcctgtgttc ctgagaactt anaggaccan     420
gacctctatt ccaggcttgn acacctanat ttanactatt atatgaggaa gcaatcaact     480
tct                                                                                   483

```

```

<210> 129
<211> 326
<212> DNA
<213> Homo sapien

```

```

<400> 129
gtcgaccttt tatctgtcta tccatccatc atcatttgaa ggccctaatat atgccaaagta      60
ctcacatggt atgcattgag acataaaaaa gactgtctat aacctcaata agtattaaaa     120
atcccattat tacccataag gtccatctta tttcattttt agggaaataaa attacatgtc     180
tatgaaaattt caattttaag cactattgtt tttcatgacc ataattttatt tttaaaaata     240
aattaaaggt taattatatg catgtatgta tttctaataa ttaaaaatgt gttcaatccc     300
tgaaaaaaaa aaaaaaaaaa aaaaaa                                     326

```

```

<210> 130
<211> 276
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(276)
<223> n = A,T,C or G

```

```

<400> 130
gtcgacggac accagctgcg gaanttgcgg ctttggcaga ttgaaatcat ggcagggtcca      60
gaaagtgatg cgcaatacca gttcactggg attaaaaaat atttcaactc ttatactctc     120
acaggtagaa tgaactgtgt actggccaca tatggaagca ttgcattgat tgtcttatat     180
ttcaagttaa ggtccaaaaa aactccagct gtgaaagcaa cataaatgga ttttaaactg     240
tctacggttc ttaacctcat ctgttaagtt cccatg                                     276

```

<210> 131  
 <211> 482  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(482)  
 <223> n = A,T,C or G

<400> 131  
 cctttttttt ttttttttaa attttaaggt tattttttatt tacaactttt gaaaaatgta 60  
 catttttttt tacatggggtt acttgtgcaa agttagattt ggaagtgata aatgcataaa 120  
 agnggacaat agaacattan acaaaacatt tacaagcctt gtcccatact gctacttaaa 180  
 ggtactatat atctaaaagt ataaatatcc aaaaaaagat cgcanaacatt ggctttaagg 240  
 ttctcanatg ctgaaaggga anaaattaaa gcatgcagca ataactcagg atttgagtgg 300  
 aaaatagttt gccacanata tgctatgctc ccttccttga attcattaaa actctaaaaat 360  
 aaagatggac aattgagttt attcacttag ggcagcactg atccttttaa aagattaaag 420  
 gagctccaac tttccctagc tnaaaaactc acnatngttt ccattcctct gctcccacac 480  
 ct 482

<210> 132  
 <211> 428  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(428)  
 <223> n = A,T,C or G

<400> 132  
 cctttttttt tttttttgtc taaaaggcaa aaaactacaa acagcccaag toctgagctc 60  
 cccaagacct ggatcctcca ctgtcccccct gaaaccggc aggaggcgagg atggggagca 120  
 caanagggtg gttcttataaa aagtcacccc tggatgggaa agctcttcat cttctgcgcg 180  
 cttcctntgc ctcccgtgct tgccgaggag agagatggan aggaccgggg ctatgccggc 240  
 aaactcaact tcttcccctt taggactttg gngatataga ggtanaanaa atgcagtan 300  
 aggactgtct ggaccaggcc tgccacaatg gcnatgaggt cgaagaancc ctcgaaangg 360  
 taagcgccan anccagttga anagatanag cgtggcggtg aacgcctagc gcaaacaagt 420  
 agnggctg 428

<210> 133  
 <211> 537  
 <212> DNA  
 <213> Homo sapien

<400> 133  
 gtcgacccca aaccacttcc accttactac cagacaacct tagccaaacc atttacccaa 60  
 ataaagtata ggcatagata attgaaacct ggcgcaatag atatagtacc gcaaggga 120  
 gatgaaaaat tataaccaag cataatatag caaggactaa cccctatacc ttctgcataa 180  
 tgaattaaact agaaataact ttgcaaggag agccaaagct aagacccccg aaaccagaag 240  
 agctaccta gaacagctaa aagagcacac ccgtctatgt agcaaaatag tgggaagatt 300  
 tataggtaga ggcgacaaac ctaccgagcc tggatgtagc tggttgtcca agatagaatc 360  
 ttagttcaac tttaaatttg cccacagaac cctctaaatc cccttgtaaa tttaactgtt 420

```

agtccaaaga ggaacagctc tttggacact aggaaaaaac cttgtagaga gagtaaaaaa 480
tttaacaccc atagtaggcc taaaagcagc caccaattaa gaaagcgttc aagctca 537

```

```

<210> 134
<211> 535
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(535)
<223> n = A,T,C or G

```

```

<400> 134
gtcgactcct ctcacatggt ggcttttagga agatccttgg ccaggagggt gatgccagct 60
atcttgcttc tgaaatatct acctgggatg gagtgatagt aacaccttca gaaaaggctt 120
atgagaagcc accagagaag aaggaaggag aggaagaaga ggagaatata gaagaaccac 180
ctcaaggaga ggaagaagaa agcatggaaa ctcaggagtg acattccctt cactcctttt 240
cctacccaag ggggaagact ggagcctaag ctgcctgcta ctgggcttta catggtgaca 300
gacatttccg tgggataggg aagatagcag gaagaaaagt aaactccata gaagtgtcat 360
tccactgggt tttgatattg gcttagctgc cagtctccca tttgtgacct atgccatcca 420
totataatgg aggataccaa catttcttcc taatattcta taatctccaa ctctgaaaa 480
acccctctct caactaatac tttgctgttg aaatgttgng aaatgttaag tgtct 535

```

```

<210> 135
<211> 114
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

```

```

<400> 135
gtcgacctca gcgtcattca gaannnggaa aagaatcaat gtaactcaag aaaggatgaa 60
aatacccttt ctccccatcc acgtgtttcc atctcaatcc tcacagggtc ctgg 114

```

```

<210> 136
<211> 354
<212> DNA
<213> Homo sapien

```

```

<400> 136
agaagcgaga tgacgaaggg aacgtcatcg tttggaaagc gtcgcaataa gacgcacacg 60
ttgtgccgcc gctgtggctc taaggcctac caccttcaga agtcgacctg tggcaaattg 120
ggctaccctg ccaagcgcaa gagaaagtat aactggagtg ccaaggctaa aagacgaaat 180
accaccggaa ctggtcgaat gaggcacctc aaaattgtat accgcagatt caggcatgga 240
ttcgtgaag gaacaacacc taaacccaag agggcagctg ttgcagcatc cagttcatct 300
taagaatgtc aacgattagc catgcaataa atgttctggt tttaaaaaat aaaa 354

```

```

<210> 137
<211> 347
<212> DNA

```

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(347)

<223> n = A,T,C or G

<400> 137

gtcgcacggcg	agattacgag	gcgaggctcg	cgcgcccgc	cccgccttg	ccccagtc	60
ccaccgggc	ggcccggcac	agccatgatc	aaggcgatcc	taatcttcaa	caaccacggg	120
aagccgcggc	tctccaagtt	ctaccagccc	tacagtgaag	atacacaaca	gcaaatac	180
agggagactt	tccatttgg	atctaagaga	gatgaaaatg	tttgtaattt	cctagaagga	240
ggattattaa	ttggaggatc	tgacaacaaa	ctgatttata	gacattatgc	aacgttatat	300
tttgtcttct	gtgnnggatt	cttnanaaag	tgaacttggc	atttttag		347

<210> 138

<211> 434

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(434)

<223> n = A,T,C or G

<400> 138

cctttttttt	tttttttgg	taaatgactt	actgtgtaat	tttatttcat	attacacaaa	60
tgtaatacaa	atgctgagta	gacatgcaga	tgacaagcag	tatatgacaa	actctgaana	120
aatagttaca	tgtagagttt	ctcanatttt	tagtgatatc	aanaattaac	tgaagagttt	180
gttaagaatg	caggcttaaa	ggccaatcca	cagattataa	tttcatacaa	acaggatgga	240
gcctaanaac	ctgtaaaatta	ttaaacaact	gattaaaaat	agagaggttt	ctatgaagtt	300
aggnntgtcc	ttattttctta	tttgaactgg	acaagtagaa	ggataatagg	taggaccaag	360
tgagcattat	cagaatcaaa	gtagaggcaa	taacaagcca	aggtgtttta	ncctanctaa	420
agaagctcgt	cgac					434

<210> 139

<211> 553

<212> DNA

<213> Homo sapien

<400> 139

gtcgacctga	ctataacagt	gcctactatg	ttaacattag	atgaacaagt	gaattagagg	60
attttttaa	gtgtatccat	cagtgtatgg	acacactccc	tctaaacttct	tcaaaaaaca	120
aaaattcctg	gtagagctaa	gtggttttta	gaagtttgg	tttggttaact	gattttctacg	180
agataattga	acacttttta	aaatagttga	tcattatgtc	aaacagccct	caacagtaaa	240
cttaaattag	gtagaattat	agtaagctgg	aagagaaaat	gttcccaaag	agcattagtc	300
cctttctggc	accttattac	agatgaataa	attgagactc	acagaaatta	aatgacttag	360
ccccagttat	ccaactaact	ccttaatgtg	aggccatgat	taggaatagg	cttctagtat	420
tcagtcccat	attattttga	ctgtgttaata	ccacgtgcc	ctttgatttt	aaagtcaaat	480
ctcggcttga	actgtatggg	gaaaaaaaa	atctccagct	ggctctgctg	aatccccaga	540
ggggccctcc	act					553

<210> 140

<211> 450

<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (1)...(450)  
<223> n = A,T,C or G

<400> 140  
gtcgacgccg gtgagttggg tgccgggtgga gtctgtgttg tcttcagaat ccccgcgtag 60  
ccgctgcctc ctctaccct cgccatgttt cttaccgggt ctgagtacga caggggctg 120  
aatacttttt ctcccgaagg aagattatct caagtggaat atgccattga ggctatcaag 180  
cttggttcta cagccattgg gatccagaca tcagaggggt tgtgcctagc tgtggagaag 240  
agaattactt cccactgat ggagcccagc agcattgaga aaattgtaga gattgatgct 300  
cacatagggt gtgccatgag tgggctaatt gctgatgcta agactttaat tgataaagcc 360  
agagtggaga cacagaacca ctggttcacc tacaatgaga caatgaacag nggagagtgt 420  
gacccaagct gngtccaatc tgnctttgca 450

<210> 141  
<211> 140  
<212> DNA  
<213> Homo sapien

<400> 141  
acacacccct cctcacaca gggctcgacc gccgctggca gttccagggc taaggatttc 60  
ctgcacttac ttgtggagaa ggagttcata gctgggctcc tggaggggag atagagcttc 120  
tctttcgttc ccgggtcgac 140

<210> 142  
<211> 591  
<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (1)...(591)  
<223> n = A,T,C or G

<400> 142  
gtcgacctgg acttgacgtg taaacagaga cgctgcaaat tgcttgtgga cgggtgtaggc 60  
cgctgcaggc caccatgaac cggttccgg atgactacga cccctacgcg gttgaagagc 120  
ctagcgacga ggagccggct ttgagcagct ctgaggatga agtggatgtg cttttacatg 180  
gaactcctga ccaaaaacga aaactcatca gagaatgtct taccggagaa agtgaatcat 240  
ctagtgaaga tgaatttgaa aaggagatgg aagctgaatt aaattctacc atgaaaacaa 300  
tgaggagcaa gttatcctct ctgggaactg gatcttcttc aggaaatgga aaagttgcaa 360  
cagctccgac aaggtactac gatgatatat attttgattc tgattccgag gatgaagaca 420  
gagcagtaca ggtgaccaag aaaaaaaaga agaaacaaca caagattcca acaaatgacg 480  
aattactgta tgatcctgaa aaagataaca gagatcaggc ctgggttgat gcacagngaa 540  
aggggttacc atggtttggg anacacaggag atcacgtcaa caacagcctg t 591

<210> 143  
<211> 538  
<212> DNA  
<213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(538)  
 <223> n = A,T,C or G

<400> 143  
 gtcgacaaat aagaagacac cttcagcatc ttaaactaga ataaataaaa gaaggggtggc 60  
 ctccctagaat ttaagtcagg agggaggtgg tgggcaatgg atgacaagct ctactttgaa 120  
 gaggttgaat ttcagctgac cactactaaa gcagtacaag cttttccttt cagcaagtgt 180  
 cttcccagaa atgtgatagc aattttttagg aagaatttgg caaacataat gtttagcaga 240  
 tttgcaacaa atgctataag ctcaaatttt tttttttttt tttttnggca gcacactcag 300  
 ccctccaagg ggaagtggat tatttttctt gcaagtgcac tancangga ggtattaagg 360  
 acagcaacat tccttctctg ataaaaaaat aaataaataa aagaagaaag gattattgag 420  
 gccctctctg ctgnatgtaa tgtacttcan gatgttggta naaaagatat caacctanaa 480  
 taagnttcac aanaatacat ttgggtttcac ngaaagttta aagtcaatct ggacattc 538

<210> 144  
 <211> 401  
 <212> DNA  
 <213> Homo sapien

<400> 144  
 gtcgacctgt tccctttttt ggccctgtct cccatgtata tgttgagggg ttggacttca 60  
 gggcctgtga gaggccttcc aacttagact ttctccccag gagcataaat tcagtgaatc 120  
 tacgtgactc tcagtgatgg catcattgcc taatatccac ccagcttctg cttgaaaact 180  
 tccagagact gggtcacatg ggggtataaa agcccaggcc ccttgcccca acttgggaca 240  
 actatgaaga gtttcagct ccacagctcc ctgaggggct ggccgaggcc tttgtggggt 300  
 ttgcctcaca acccaattta tccctctggc caattctgct tcaatcactc cctgccagggt 360  
 gttgaccttg aatgtactcc cccaataaac ctctgcaag c 401

<210> 145  
 <211> 367  
 <212> DNA  
 <213> Homo sapien

<400> 145  
 cctttttttt ttttttttag ttagaaatta caagtttatt tttatatttt gaaaaaggca 60  
 taatagaaaa caaaaataaa caaccaggca tatcaatatt tgtgacatac acatacacac 120  
 aaaaatgaat ataggaaata acacgaagaa aaagcatagt atgttttgaa accaacgtgg 180  
 ggcatagaac gatttttgat gaaatacaac taaaggtttt aagtgtctat gtaatgttcg 240  
 agatattacg atcactotta tcctactagc aaaaatttag aaactaggct ttaaaacatg 300  
 attcctgttg ttttagcagg atttattttg gtaatgatcc tgcttcctta taaacaacta 360  
 cgtcgac 367

<210> 146  
 <211> 395  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(395)  
 <223> n = A,T,C or G

```

<400> 146
gtcgacaaga aagccccctt aatgttttta actgatgata tttttttaag cttaccaata    60
taagtatttt taaaggttct atttttcaaa gtcataacaa tgattgttct tgttttctct    120
catagaatag actgccatcg gataaagagt ggtccctagc ttctattttt ccaagtaaata    180
aagtagaaca tgttcttgagg attataccat taaatgttaa ttttcttgaa gaagaaagat    240
tgttgtctgc caagatttta tgttagcgct cggattgagg cagaaaacgg aagcaccagg    300
tttaacactg ggatgacttg ggttgtgttc ctggagggtt gaagngggcc ttccccgcct    360
tttgaggggg aaaactgact gntttgaaca catat                                     395

```

```

<210> 147
<211> 455
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(455)
<223> n = A,T,C or G

```

```

<400> 147
gtcgactaaa aactggaacg gtgaagggtga cagcagtcgg ttggagcgag catcccccaa    60
agttcacaaat gtggccgagg actttgattg cacattgttg tttttttaat agtcattcca    120
aatatgagat gcgttggtac aggaagtccc ttgccatcct aaaagccacc ccacttctct    180
ctaaggagaa tggccagtc ctctcccaag tccacacagg ggagggtgata gcattgcttt    240
cgtgtaaatt atgtaatgca aaattttttt aatcttcgcc ttaatacttt tttattttgt    300
tttattttga atgatgagcc ttctgtgccc cccttcccc ttttttgtcc cccaacttga    360
gatgtatgaa ggcttttggt ctccctggga gtgggtggan gcagccaggg cttacctgta    420
cactggactt gagaccagtt gaaataaaaag tgcac                                     455

```

```

<210> 148
<211> 518
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(518)
<223> n = A,T,C or G

```

```

<400> 148
gtcgacctca cgccttcgcc gtagcatctt tcgcagcgga ccgaagagaa gaaaagtagg    60
ccagagccga actctcttcc tgccaagatg tctattggtg tgccgattaa agtactgcat    120
gaggccgagg gccacattgt gacatgtgag acgaacaccg gtgagggtata tcgggggaag    180
ctcattgaag cagaggacaa catgaactgc cagatgtcca acatcacagt cacatacaga    240
gatggccgag tggcacagct ggagcaggta tacatccgtg gcagcaaaat ccgctttctg    300
attttgccctg acatgctgaa gaacgcacc cgtttaaaga gcatgaaaaa taaaaaccaa    360
ggctcagggg ctggccgagg aaaagctgct attctcaagg cccaagtggc cgcaagagga    420
agaggacgtg gaatgggacg tggaaacatc tttcaaaagc gaagggataa ttttctaagt    480
tgaacagaac tttgtccttt tttctttcan gttatctg                                     518

```

```

<210> 149
<211> 442
<212> DNA

```



<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(442)

<223> n = A,T,C or G

<400> 149

```
cctttttttt ttttttttct tttcataaaa tttttacttt atgaattaaa tacattgaga      60
aacagnghaa atatattttac agtcatttga agnggggcaact actaacatat ttaattttaa      120
aaaatccttg ctgtttcttt gcctgtttct ttcaaagaga attttaaata tgacttttagc      180
ttttaaaaaa tacaatangg aaataattac attcttaata tgaaaacatt ttacaacgta      240
tcaccatggg caattaattc tgaatatcac ttaaaagttg atgtttaaatt gtaaagngaa      300
tatttccttt ctgtttanaa aatcaaaaag attatctcat taaaaacacc ttnggnccta      360
agacttatga tctgaanatg nccttttgaa aagnatcttc catgggtaca actaaaaaan      420
acccggtaac acttgtgcac gg                                     442
```

<210> 150

<211> 341

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(341)

<223> n = A,T,C or G

<400> 150

```
gtnnacctat tattacccca tgatacagtt tagaaaacaa attcatgcac taagtaaagt      60
gaccaaatcg taagtcaactg ccttttgctc cagagttggc tgctttgatt actcctacac      120
ttaactagtc aacttttaaag aaaaaaattt ttttttctgt gaaggaaatt aagtgcctat      180
tttcanagag ctaaaagcaa tcaaggcatc tactgtgta ttttcctatc catgtngact      240
catgtttaag gttgactagg aagacataat cattggctgc taataacaaa tngatttctt      300
ttnataaaaa atttaaaaga gtntntaatg ctttatttta t                                     341
```

<210> 151

<211> 459

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(459)

<223> n = A,T,C or G

<400> 151

```
gtcgaccagg tcttgaccct ggtcaacaag agaataggcc tttaccgtoa ctttgacgag      60
accgtcaata ggtacaagca atcccgggac atctccaccc tcaacagtgg caagaagagc      120
ctggagactg aacacaaggc cttgaccagt gagattgcac tgctgcagtc caggctgaag      180
acagagggct ctgatctgtg cgacagagtg agcgaaatgc agaagctgga tgcacaggtc      240
aaggagctgg tgctgaagtc ggcggtggag gctgagcgcc tgggtggctgg caagctcaag      300
aaagacacgt acattgagaa tgagaagctc atctcaggaa agcgccagga gctggtcacc      360
aagatcgacc acatcctgga tgccctgtag cccctgcccg catcctncag ggggccagg      420
gtgcctgcac tttgctgtgg gnangcagat tgggtggta                                     459
```

<210> 152  
 <211> 242  
 <212> DNA  
 <213> Homo sapien

<400> 152  
 gtcgacccaa ggtcacagga gcattgcgtc gctgatgggg ttgaagtttg gtttggttct 60  
 tgtttcagcc caatatgtag agaacatttg aaacagtctg cacctttgat acggtattgc 120  
 atttccaaag ccaccaatcc attttgtgga ttttatgtgt ctgtggctta ataatcatag 180  
 taacaacaat aatacctttt tctccatttt gcttgcagga aacatacctt aagttttttt 240  
 tg 242

<210> 153  
 <211> 57  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(57)  
 <223> n = A,T,C or G

<400> 153  
 cctttttttt tttttttttt ttccacatca ctcaggtttt atngaattta taaaatt 57

<210> 154  
 <211> 437  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(437)  
 <223> n = A,T,C or G

<400> 154  
 cctttttttt tttttttggt aatncagttt taattttattt tcatcacttt ttcttcataa 60  
 tccagatatt ttaaaatgca aagaaaatta actttcaatg atatgttcag ggaactggcac 120  
 taacaaaaaat tttcagactg caaatgagtt atacaaatga aaatatcaaa tggagatcca 180  
 gttatcaaaa tgaaagcact caacatatta aaagttcaca agtatttgta ttgagcacat 240  
 tacaaaagtc agcttgctaa ctgttgatgat tttaaagaac tattgcanaa gtctgaanaa 300  
 aatanattta ttagttaact tataaagaga tttaaagaggc tgaaacaagt nttaaaaana 360  
 aatttgngcc tttattanaa tgtagggcgt cnacgcggcc gctcnngtct anagggcccg 420  
 tttaaaccgg ctgatca 437

<210> 155  
 <211> 518  
 <212> DNA  
 <213> Homo sapien

<400> 155  
 gtcgacgtga gccacagtca cgccactgca ttctatcctg ggcaacagat ggagaccttg 60  
 tctcaaaaaa aaaaaattcc tgacatcgct atgtattccc aactttatca tttgtctgce 120

tggttagttt	tgacttatgt	tttttttttt	tccccctgt	ggacatgtag	ttgacggaaa	180
tcgtgaagga	actttaatat	tttattttaa	tttcccaaaa	ctaatacatgc	cttatgtgac	240
taatcttcag	tgataatat	tcatctactg	atatattttc	ttgaggtgtg	taatttttcag	300
tataacctaa	tcatttggtg	taaaaaagag	agaggttttt	gatatatgaa	tgctgttctt	360
gtaaaaatca	atcttgacac	tttattttta	actttttatt	ggtaatgaca	gtgggttttg	420
tacatcatga	ttttcaattt	aggatatctg	tctaatttgt	tttttcagag	taactatatt	480
ggaattcaat	aaaaatatc	aaaaattttt	ttaaaaaa			518

&lt;210&gt; 156

&lt;211&gt; 600

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 156

gtcgacgttt	attttaagttc	atgtttcact	gtttgcactt	tgcattgaac	aatgggttta	60
ttcgctgatg	taaacggttc	gagtgaagaa	ttaatgcagt	aagtatgaca	acacatacac	120
acttgctctc	ccccatctcc	agaagagggg	agcagagtcc	gagcttatct	aaatatgaat	180
gtggccacaa	agctgtggaa	ggtgacaaag	cttaaacacc	tttgccctgg	ctctgcattg	240
tcacctagag	agcaagaggt	ctatagaaac	atcatgtcac	atgaaacgat	tctctgcttt	300
ttggttctga	acttgaagtc	cctaaactgc	aaaatctaag	agttgggtgg	ttattaaaaat	360
gcttttaaaa	agttaactgt	ggcaccaatt	ctaataat	ccaacttgtg	actgtttttt	420
tttggtttgt	tttggttttg	tgtgtgtgtg	tgtgtggcac	tgggaaaagt	ggaaacaaac	480
atgtattgaa	atacatattg	gaaataaaaa	tggtttgagc	gtcagtgata	ttctcccaga	540
atgtacttat	cttaoctcgc	atgtactgta	gtcactcagt	atttgtatat	gttgctagaa	600

&lt;210&gt; 157

&lt;211&gt; 542

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 157

gtcgacggct	gggaagtcag	ttcgttctct	cctctcctct	cttcttgttt	gaacatgggtg	60
cggactaaag	cagacagtgt	tccaggcact	tacagaaaag	tgggtggctgc	tcgagccccc	120
agaaaggtgc	ttggttcttc	cacctctgcc	actaattcga	catcagtttc	atcgaggaaa	180
gctgaaaata	aatatgcagg	agggaaacccc	gtttgcgtgc	gcccactcc	caagtggcaa	240
aaaggaattg	gagaattctt	taggttgctc	cctaaagatt	ctgaaaaaga	gaatcagatt	300
cctgaagagg	caggaagcag	tggcttagga	aaagcaaaga	gaaaagcatg	tcctttgcaa	360
cctgatcaca	caaataatga	aaaagaatag	aactttctca	ttcatctttg	aataacgtct	420
ccttggtttac	cctgggtattc	tagaatgtaa	atttacataa	atgtgtttgt	tccaattagc	480
tttggttgaa	aggcatttaa	ttaaaaaatt	taggttttaa	tttagatggt	caaaagtagt	540
tg						542

&lt;210&gt; 158

&lt;211&gt; 526

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 158

cacctcaggc	tgtggctctt	tgggtctctt	cctaatagcag	aagaagttgc	ccagcagcaa	60
aatcagggag	gaggtgagca	cctcgccccc	cgccaggatg	aacacgtaca	tgtagacgtg	120
ggtcgcatcc	aggagtttgc	ctcccgaaag	gggcccgaag	agcacggcca	ccgcctccat	180
cagcagcacc	aggccaatgg	cactggagaa	cttgtaggag	atgocaaaaga	agatgcagaa	240
gaccacgagg	ccgccgtagt	cgccccccgt	agagcccgc	aggteccgga	ggccgttgaa	300
gaacatggag	aagctgaaga	ggtagacgga	gtagggccgc	accttcccaa	gccccgccac	360

```

gaagcccgcg gccggccgcg cgaagatgtc aatgaagccc aggatgggtga gcaggaaggc      420
ggccttggtg tcgggcacgc ccaggtcctt ggcgtagctc accacgaaca cgggcgggac      480
gaagagcccc agcaccatga ccgaggcggc cacggcgtaa agcaca                        526

```

```

<210> 159
<211> 306
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

```

```

<400> 159
cctttttttt tttttttttt ttttttngga tgtatnngaa attttttcta tatanatcat      60
gtgtgacttc cataaagaaa aataaacacc tatncacagt ttacctata tgtgtaatgt      120
taatgaaaag aatcaaagaa agatgttcgt tcattaactc tctaaatnaa attgtttttc      180
catttttacc aacttgatac cttaatcaag ncaactctgt tcttccttaa gtgcaaatga      240
attttttgtt tgggttgggg gacaacacaa aatacaaacc tgggttggat tcaactgaaag      300
gcccaa                                           306

```

```

<210> 160
<211> 528
<212> DNA
<213> Homo sapien

```

```

<400> 160
ctgaagagcg gcttgctctt cacatcctca ggactcaggg gctggtcctt gagcacgtgg      60
aaacaaggac ttgacacagc accttcacgc ccaacatttc ccagggaata cttcagatgt      120
gggtggatgt ttcccccaag agtttggggc caccaggccc tcttttcaac atcacacccc      180
ggaaagccaa gaaatactac ctgcgtgtga tcctctggaa caccaaggac gttatcttgg      240
acgagaaaag catcacagga gaggaatga gtgacatcta cgtcaaaggc tggattcctg      300
gcaatgaaga aaacaaacag aaaacagatg tccattacag atctttggat ggtgaaggga      360
attttaactg gcgatttgtt ttcccgtttg actaccttcc agccgaacaa ctctgtatcg      420
ttgcgaaaaa agagcatttc tggagtattg accaaacgga atttcgaatc ccaccaggc      480
tgatcattca gatatgggac aatgacaagt tttctctgga tgactact                    528

```

```

<210> 161
<211> 527
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(527)
<223> n = A,T,C or G

```

```

<400> 161
cctttttttt ttttttttgg tcttacaact ctattgtaaa ctatactaga ctatagagg      60
acttctacat ctttcaagat gtgtttaata aaggctctgt tataataact tttgaggcat      120
gaatctagca aatagtactt tatacaatgt ccttctgcat taccactca taaatattaa      180
gtgtttttca gtgacttatg tttggatgtg gtagtgtgta tcagggccat gtgctgatgt      240
cctggagagc aaaatcaatc caaagnngng ctgctatttg tgacagaaca tgtttattta      300

```

```

ctcagccccc gagacaaaag gaaaattgat atggggggagc gggaaatagg agaactatta 360
aatgtagtga agaaatttca caggtctaaa ggaactatta aaaggaagga taaagtagat 420
tctatactat aaaacagaat cctacctctg ataaaagaca aatcagcctg aatttttgaa 480
taatcaatag gattcaaaat gactattttc aattgcaatc tcattct 527

```

```

<210> 162
<211> 77
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(77)
<223> n = A,T,C or G

```

```

<400> 162
cctttttttt tttttttttt ttnttttttt tttttttttt ttttagggaa anaaatctgg 60
gttcctttta tttttga 77

```

```

<210> 163
<211> 645
<212> DNA
<213> Homo sapien

```

```

<400> 163
gtcgcacaaac aatgaatagt ttttcattgt accatgaaat atccagaaca tacttatatg 60
taaagtatta tttatttgaa tctacaaaaa acaacaaata atttttaaat ataaggattt 120
tcctagatat tgcacgggag aatatacaaa tagcaaaatt gaggccaaagg gccaaagagaa 180
tatccgaact ttaatttcag gaattgaatg ggtttgctag aatgtgatat ttgaagcatc 240
acataaaaaa gatgggacaa taaattttgc cataaagtca aatttagctg gaaatcctgg 300
atttttttct gttaaactct gcaacctag tctgctagcc aggatccaca agtccttggt 360
ccactgtgcc ttggtttctc ctttatttct aagtggaaaa agtattagcc accatcttac 420
ctcacagtga tgttggtgagg acatgtggaa gcactttaag ttttttcac ataacataaa 480
ttattttcaa gtgtaactta ttaacctatt tattatttat gtatttattt aagcatcaaa 540
tatttgtgca agaatttgga aaaatagaag atgaatcatt gattgaatag ttataaagat 600
gttatagtaa atttatttta ttttagatat taaatgatgt tttat 645

```

```

<210> 164
<211> 434
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

```

```

<400> 164
gtcgaccgga cgcggcggca ttaaacgggt gcaggcgtag cagagtgggc gttgtctttc 60
taggtctcag ccggtcgtcg cgacgttcgc ccgctcgctc tgaggctcct gaagccgaaa 120
ccagctagac ttctctcctt cccgctgcc tgtagcggcg ttggtgccac tccgccacca 180
tgttcgaggg gcgcttggtc cagggctcca tctcaagaa ggtgttgagg gcaactcaagg 240
acctcatcaa cgaggcctgc tgggatatta gctccagcgg tgtaaacctg cagagcatgg 300
actcgtccca cgtctctttg gtgcagctca cctgcgggtc tgagggttn gacacctacc 360

```

```
gctgcgaccg caacctggcc atgggcgtga acctcaccag tatgtncaaa atactaaaat 420
gcgcncgcaa tgaa 434
```

```
<210> 165
<211> 388
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(388)
<223> n = A,T,C or G
```

```
<400> 165
gtcgaccatt catatatata tgcatatata tgtgaagctc catatttctg ttgctttaaa 60
gaagtaaaac cttccattta aataagatga catgcntaan ataacaaagc ttccttgatt 120
tccttttctt gtgtaattna atagatttgt tgactagtgc ttgggcacat tataaatcag 180
ngttatttgc tcttggagcc atttttttaa aaaaattttg gcagtgagca gttgaattta 240
tcttgaattt atcatgtgtg tgtatttctg aagcagctac atagcagaac attttaagag 300
attctgttag cccacatgtt catgttggtt gctgctgaat ggtaaataatt aaataaaaatt 360
accagattaa tcttaaaaaa aaaaaaaaa 388
```

```
<210> 166
<211> 443
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(443)
<223> n = A,T,C or G
```

```
<400> 166
gtcgaccttg ctttctttaa aaacaaaaaa actactgtca gtattaatac tgagccagac 60
tggcatctac agatttcaga tctatcattt tattgattct taagcttgta ttaaaaacta 120
ggcaatatca tcatggatac ataggagaag acacatttac aatcattcat tgggcctttt 180
atctgtctat ccatccatca tcatttgaag gctaataata tgccaagtac tcacatggta 240
tgcattgaga cataaaaaag actgtctata acctcaataa gtattaaaaa tcccattatt 300
acccataagg ntcattctat ttcattttta gggaataaaa ttacatgtct atgaaatttc 360
aattttaagc actattgntt ttcatgacca taatttattt ttaaaaataa attaaagggtt 420
aattataaaa aaaaaaaaaa aag 443
```

```
<210> 167
<211> 608
<212> DNA
<213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(608)
<223> n = A,T,C or G
```

```
<400> 167
gtcgactgcg cctctccgaa cgcaacatga aggtgctcct tgccgcccgc ctcacgcggg 60
```

```

gtgccgtctt cttcctgctg ctgccgggac cttctgcggc cgatgagaag aagaaggggc 120
ccaaagtcac cgtcaagggtg tattttgacc tacgaattgg agatgaagat gtaggccggg 180
tgatctttgg tctcttcgga aagactgttc caaaaacagt ggataatttt gtggccttag 240
ctacaggaga gaaaggattt ggctacaaaa acagcaaatt ccatcgtgta atcaaggact 300
tcatgatcca gggcggagac ttcaccaggg gagatggcac aggaggaaa agcatctacg 360
gtgagcgctt ccccgatgag aacttcaaac tgaagcacta cgggcctggc tgggtgagca 420
tggccaacgc aggcaaagac accaacggct ccagttctt catcacgaca gtcaagacag 480
cctggctaga tggcaagcat gtggtgtttg gcaaagttct agagggcatg gangtggtgc 540
ggaangtgga gagcaccaag acagacagcc gggataaacc cntgaangat gtgatcatcg 600
cagactgc 608

```

<210> 168

<211> 569

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(569)

<223> n = A,T,C or G

<400> 168

```

gtcgacgcgg ncggccggac agactgacgt gtgagctgca tcgcgggagg cgcattgngg 60
ggatggcgct ggcgcggggc tggaagcaga tgtcctgggt ctactaccag tacctgctgg 120
tcacggcgct ctacatgctg gagccctggg agcggacggt gttcaattcc atgctggttt 180
ccattgtggg gatggcacta tacacaggat acgtcttcat gcccagcac atcatggcga 240
tattgcacta ctttgaaatc gtacaatgac caagatgcga ccaggatcag aggttncctg 300
gggaagaccc accctacgaa gttggaatga gaccatcaga tgtgataaga aactcttcta 360
gatgtcaaca taaccaacct tataaagact aaaattcatg agtagaacag gaaaatcatc 420
ctgactcatg tgttgtgttc tttattttta attttncaa gaggtctctg tatagcagtt 480
ttttgtctat ttttaacattg taagtcattt tgtnttttga natcantatt ttcttaacct 540
ttgtgactgt ttcaatatta cccccngn 569

```

<210> 169

<211> 216

<212> DNA

<213> Homo sapien

<400> 169

```

gtcgaccggg aaccatcta taaagtaagg cacactcgta atggttgaat tgtgttctgg 60
ttaatttctt aaaggacttc acagttgcac ttatgaaaat gatatttatat tgaaatgata 120
tttgcataag aaaaagcatg tgattaattg catattgctt gagtgttcat ctgtgaatgt 180
gaaaaataag ctgttttttt ttattagata tttgca 216

```

<210> 170

<211> 284

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(284)

<223> n = A,T,C or G

&lt;400&gt; 170

cctttttttt	tttttttgaa	atggancttc	tgaatcgaaa	agtttttcac	tttaaatggt	60
ggatgagtg	taccaaaca	ctnngcatct	tagggcaagt	gtcgctgagc	acctgcttcc	120
ccatattctc	agcannatca	tttcagttct	tagcaatctg	gcaggcaaaa	ggaaagtctg	180
attttgntng	aattngcatt	ttcttgatta	ccancaaact	antttaagct	taatgggcac	240
ntnntatttc	tattctctga	actgcccatt	tttctacat	tcag		284

&lt;210&gt; 171

&lt;211&gt; 541

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 171

cagacagcac	tgtgttggcg	tacaggtctt	tgcggatgtc	cacgtcacac	ttcatgatgg	60
agtgaaggt	agtttcgtgg	atgccacagg	actccatgcc	caggaaggaa	ggctggaaga	120
gtgcctcagg	gcagcggaac	cgctcattgc	caatggatgat	gacctggccg	tcaggcagct	180
cgtagctctt	ctccagggag	gagctggaag	cagccgtggc	catctcttgc	tcgaagtcca	240
gggcgacgta	gcacagcttc	tccttaatgt	cacgcacgat	ttcccgtctg	gccgtggtgg	300
tgaagctgta	gccgcgctcg	gtgaggatct	tcatgaggta	gtcagtcagg	ttccggccag	360
ccaggtccag	acgcaggatg	gcattgggga	gggcataccc	ctcgtagatg	ggcacagtgt	420
gggtgacccc	gtcacccggag	tcctacacga	tgccagtggg	acggccagag	gcgtacaggg	480
atagcacagc	ctggatagca	acgtacatgg	ctgggggtgt	gaagggtctca	aacatgatct	540
g						541

&lt;210&gt; 172

&lt;211&gt; 573

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 172

gtcgactttc	aacaaatcct	gaagtctttc	tgtgaagtga	ccagttctga	actttgaaga	60
taaataattg	ctgtaaatc	cttttgattt	tctttttcca	ggttcattgg	ccttggtaat	120
ttcattcatg	gaaaaaaatc	ttattataat	aacaacaaag	atttgtatat	ttttgacttt	180
atatttctct	agctctcctg	actttgtgaa	aaagggtgga	tgaaaatgca	ttccgaatct	240
gtgagggccc	aaaacagaat	ttagggggtg	gtgaaagcac	ttgtgcttta	gctttttcat	300
attaaatata	tatttatatt	aaacattcat	ggcatagatg	atgatttaca	gacaatttaa	360
aagttcaagt	ctgtactgtt	acagtttgag	aattgtagat	aacatcatal	ataagtcatt	420
tagtaacagc	ctttgtgaaa	tgaacttggt	tactattgga	gataaccaca	cttaataaaag	480
aagagacagt	gaaagtacca	tcataattaa	cctaaatttt	tgttatagca	gagtttcttg	540
tttaaaaaaa	aataaaatca	tctgaaaagc	aaa			573

&lt;210&gt; 173

&lt;211&gt; 545

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 173

gtcgacctgg	gctggacgtg	gttttgtctg	ctgcgcccgc	tcttcgcgct	ctcgtttcat	60
tttctgcagc	gcgccagcag	gatggcccac	aagcagatct	actactcgga	caagtacttc	120
gacgaacact	acgagtaccg	gcattgttatg	ttaccagag	aactttccaa	acaagtacct	180
aaaactcatc	tgatgtctga	agaggagtgg	aggagacttg	gtgtccaaca	gagtcaggc	240
tgggttcatt	acattgattca	tgagccagaa	ccacatattc	ttctcttttag	acgacctctt	300
ccaaaagatc	aacaaaaatg	aagtttatct	ggggatcgct	aaatcttttt	caaatttaaat	360
gtatatgtgt	atataaggta	gtattcagtg	aatacttgag	aatgtacaa	atctttcatc	420



catacctgtg	catgagctgt	attcttcaca	gcaacagagc	tcagttaa	gcaactgcaa	480
gtaggttact	gtaagatggt	taagataaaa	gttcttcag	tcagtttttc	tcttaagtgc	540
ctggt						545

<210> 174  
 <211> 469  
 <212> DNA  
 <213> Homo sapien

<400> 174						
gtcgacaaag	aatcacagct	ttctctccat	gttttattaa	cacacagaaa	aatactttga	60
aaaatatacc	atttctcaaa	aatgaaatgt	atgatttgct	acaaatggcc	atatggaaaa	120
tatgatacct	gcttattttt	gactcagggg	gcattcaatt	tttatactaa	ctgaaaatta	180
catgattgcg	ttttgtttta	aaagtgaaaa	aaagtaataa	ctgcttttag	ccttgtaata	240
ttgaatgcgt	caattggctc	cccttgtaga	atgttgatg	gctatcactg	gtgacagatg	300
ttctgtacat	cgcagtaata	ctgcttatat	aattgtgata	atttccgct	tcttatttgt	360
catttttagt	gatttaaaaa	tcccttgatg	actccctgaa	aaatgactga	tgtttttcct	420
atattaagta	atttctgctg	gtaaagtgtg	agtcttttaa	taatttctt		469

<210> 175  
 <211> 108  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(108)  
 <223> n = A,T,C or G

<400> 175						
cctttttttt	ttttttttng	aaattnaagt	aacttnatnn	aaattcaaaa	acaatnctta	60
aaactgnntt	tagagtcaag	acccttttgt	attataaaaa	tcacaagt		108

<210> 176  
 <211> 426  
 <212> DNA  
 <213> Homo sapien

<400> 176						
gtcgactggt	tagaagttat	acacagagag	aaggggaaaa	gaaactccat	caatcaagct	60
aaaggcagca	aaggaaaatt	tgaaaagaag	caacgagact	gtttaacaaa	gaacatcaaa	120
taagatgatg	gaactagaag	aaaaacacca	atgtccttaa	ttatataaaa	acatcaatgt	180
ccttaattat	ataaatTTTT	aaccctcaat	tgggttaaaa	aatcagattt	gtactaagag	240
atgtatcttt	aaaagcaaaa	gaaagaataa	aaagatcaac	aagtaaaaca	aagtaggagt	300
cagaattaat	attagacaaa	ataaagggtg	aaaatactaa	atgcaagaaa	taatatttta	360
gatgacaaaa	atgtatgagc	cataaaaaag	tcatgagttt	ttataaacct	aaaatatagc	420
gtcgac						426

<210> 177  
 <211> 538  
 <212> DNA  
 <213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(538)

<223> n = A,T,C or G

<400> 177

cctttttttt	tttttttttt	tttttttgga	ngnattnгаа	attttttcta	tatanatcat	60
gtgtgacttc	cataaagaaa	aataaacacc	tatacacagt	ttacctata	tgtgtaaatgt	120
taatgaaaag	aatcaaagaa	agatgttcgt	tcattaactc	tntaaatcaa	attgtttttc	180
cattttttacc	aacttgatac	cttaaatcaag	tcactcttgt	tcttccttaa	gtgcaaatga	240
atttttttgtt	tgggttgggg	gacaacacaa	aatacaaacc	tgggttggat	tcactgaaag	300
gcccanaaaa	gggccttant	ctaggaagta	nagngtgana	tgatacaccc	acaggctggn	360
gcattctggn	ccacacaaan	acgtgctgnt	ccccgcccta	ctgntnaaaa	cagntctggt	420
ttgctnanat	gctgctgntg	caacctgcag	gtccatgana	agaacaactc	cctgggttgt	480
tacancccg	gagtgttttg	ngaatttgca	cctacatttc	ccatgtgata	tggactca	538

<210> 178

<211> 566

<212> DNA

<213> Homo sapien

<400> 178

gtcgacttgg	aagcagggtt	atattattata	tacttgcaat	tgaatataag	atacagacat	60
atatatgtgt	tatgtatttc	tagaaatgca	cataacatat	atttgcctat	tgtttaaatgt	120
tttttccaga	tattttattac	agaaggggcat	ggaggggatc	ctacttattc	ttcattatga	180
gaacaattaa	aggcatttat	tagataggaa	attaacagat	catctgcttc	tataacttta	240
ttagctacat	taaataggca	gtgagcaata	atttaaaaac	tcaccattat	ataaaaataat	300
aaataacaaa	gtaaaagtta	atgtttataaa	aataaaactga	tagtaaggaa	aatctaaatg	360
ggcatgatcc	catttttagaa	gaccaaataga	ttaatagggt	tgtcatgtta	taatagacaa	420
ttgtctaatt	atttctgtgt	ttttattttag	tgggtagcag	aagttgttca	gaagagcaga	480
aatatgtaga	aaacatctct	aaattttttg	caatttgaaa	tagcaattct	gaggcacaca	540
gtcatcttac	aaaaatcttt	tgcaga				566

<210> 179

<211> 277

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(277)

<223> n = A,T,C or G

<400> 179

gncgacggga	aaggaatatt	atggcannaa	gctgagcaag	caattctggt	ggaaagtcaa	60
acctgtcagt	gctccacacc	agggctgtgg	tcctcccaga	catgcatagg	aatggccaca	120
ggtttacact	gccttcccag	caattataag	cacaccagat	tcaggggagac	tgaccaccaa	180
gggatagtgt	aaaaggacat	tttctcagtt	gggtccatca	gcagtttttc	ttctctgatt	240
tattgnngaa	aactatngtt	tcattttcttc	ttttata			277

<210> 180

<211> 349

<212> DNA

<213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(349)  
 <223> n = A,T,C or G

<400> 180  
 cctttttttt tttttttttt tttttttttt tttttttttt ttagnataag gaaaagctac 60  
 aaacctcaag gntgttttat ttaaaccaaa taatntgagc aagacatatn tacattaaaa 120  
 acaaatgaac acattaaaaat ttcactatnt tacaatctaa attctagcaa catatacaaa 180  
 tactgagnga ctacagtaca tgccgnggta ananaagtac attntgggan aatatnactg 240  
 acnctcaaac cattttttatt tccaatatgt atttcaatac atgtttgttt ccacttttcc 300  
 cagngccaca cacacnncna cacaaaaaca aaacaaaaa aaaaaaac 349

<210> 181  
 <211> 435  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(435)  
 <223> n = A,T,C or G

<400> 181  
 cctttttttt ttttttttga catttacagg tattttatttg agtaagagct cataaaatat 60  
 atttttataa tatgcacaag aaaaaatata tttgaatgaa taaaaaataa aatgacagga 120  
 ggtgacagaa tttagtgttt ataaatgagg tcataaagaa ctttaataat tcanagaana 180  
 agttcaaaagt gtatttataaa gttgagaccc tgcttttaca ttttttataa ttttaaaaaa 240  
 aggcgtttta aggtgatagg tgacttaata attttccact ttcaaaatgg gtttctagac 300  
 actgttatga agctgctatg tactaataat actttgcttg ccaaagtgtt tgggttttgt 360  
 tggtgtttgt ttgtttgttt gtttttggtt catgaacaac agtgtctaga aaccactttt 420  
 caaatgggg tcgac 435

<210> 182  
 <211> 328  
 <212> DNA  
 <213> Homo sapien

<400> 182  
 gtgcaccatt gtatcttttt cttttctatc cctttacatt tactctttca gaatccttat 60  
 gttttactgt tttcagaaaa cttagttttt aaaatattct gctaatacatt ttcatataa 120  
 gtttacatta aataagtctt ttaaagttta ttataattaa ataaagttta ttttcacatg 180  
 tgttttcata tctactgtct cagaactttc tccttgccct atttttctta ttttatcccc 240  
 tttttgcata ttttgagttg actttttatg attttatttt tctctcttta ctagtttgga 300  
 tattatctac cccactaata ttctttca 328

<210> 183  
 <211> 491  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(491)

<223> n = A,T,C or G

<400> 183

cctttttttt	tttttttttt	tttttttttt	ttacaaacct	caagggttgtt	ttattttaa	60
caaataatct	gagcaagaca	tatatacatt	aaaaacaaat	gaacacatta	aaatttcact	120
attttacaat	ctaaattcta	gcaacatata	caaatactga	gtgactacag	tacatgccga	180
ggtaagataa	gtacattctg	gganaatatc	actgacgctc	aaaccatttt	tattttccaat	240
atgtatttca	atacatgttt	gtttccactt	ttcccagngc	cacacacaca	cacacaaaaa	300
caaaacaaaa	caaaaaaaaa	cagtcacaag	ttggattaca	ttanaattgg	ngccacagtt	360
gacttttaaa	gcattttaat	aaccacccaa	ctottanatt	ttgcagttaa	gggacttcaa	420
gttcanaacc	aaaaagcana	gaatcgtttc	atgtgacatg	atgtttctat	agacctcttg	480
ctctctaggt	c					491

<210> 184

<211> 478

<212> DNA

<213> Homo sapien

<400> 184

gtcgacggct	gctgttggtt	gggggcgctc	ccgctcctaa	ggcaggaaga	tgggtggcgc	60
aaagaagacg	aaaaagtgcg	tggagtcgat	caactctagg	ctccaactcg	ttatgaaaag	120
tgggaagtac	gtcctggggg	acaagcagac	tctgaagatg	atcagacaag	gcaaagcgaa	180
attggtcatt	ctcgctaaca	actgcccagc	tttgaggaaa	tctgaaatag	agtactatgc	240
tatgtttgct	aaaactggtg	tccatcacta	cagtggcaat	aatattgaac	tgggcacagc	300
atgcggaaaa	tactacagag	tgtgcacact	ggctatcatt	gatccagggtg	actctgacat	360
cattagaagc	atgccagaac	agactgggtga	aaagtaaaac	ttttcaccta	caaaatttca	420
cctgcaaacc	ttaaaccctgc	aaaatttttc	tttaataaaa	tttgcttgtt	ttaaaaaa	478

<210> 185

<211> 596

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(596)

<223> n = A,T,C or G

<400> 185

gtcgacggac	gaggagtgcg	gcactgatga	gtactgcgct	agtcccaccc	goggagggga	60
cgcgggcgctg	caaactctgtc	tgcctgcag	gaagcgccga	aaacgctgca	tgcgtcacgc	120
tatgtgctgc	cccgggaatt	actgcaaaaa	tggaaatagt	gtgtcttctg	atcaaaatca	180
tttccgagga	gaaattgagg	aaaccatcac	tgaaagcttt	ggtaatgac	atagcacctt	240
ggatgggtat	tccagaagaa	ccacctgtgc	ttcaaaaaatg	tatcacacca	aaggacaaga	300
aggttctgtt	tgtctccggt	catcagaactg	tgcctcagga	ttgtgttgtg	ctagacactt	360
ctggtccaag	atctgtaaac	ctgtcctgaa	agaagggtcaa	gtgtgtacca	agcataggag	420
aaaaggctct	catggactag	aaatattcca	gcgttggttac	tgtggagaag	gtctgtcttg	480
ccgatacag	aaagatcacc	atcaagccag	taattcttct	aggcttcaca	cttgnccagag	540
acactaaacc	agctatccaa	atgcagtga	ctccttttat	ataatagatg	ctatga	596

<210> 186

<211> 314

<212> DNA

<213> Homo sapien

```

<220>
<221> misc_feature
<222> (1)...(314)
<223> n = A,T,C or G

<400> 186
gtcgactgcc tattttaatgt agctaataaa gttatagaag cagatgatct gttaatttcc      60
tatctaataa atgccttttaa ttgtttctcat aatgaagaat aagtaggtat ccctccatgc      120
ccttctgtaa taaatatctg gaaaaaacat taaacaatag gcaaatatat gttatgtgca      180
tttctagaaa tacataacac atatatatgt ctgtatctta tattcaattg caagtatata      240
ataaataaac ctgcttccaa acaacaaaaa aaaaaaaaaa aaaaaaaaaa naaaaaaaaa      300
aaaaaaaaaa aaaa                                         314

<210> 187
<211> 331
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

<400> 187
cctttttttt tttttttatt cctcagnct tttgatttta attcttttgg catatctaaa      60
tgtcagaaag tgaatatata catacagaat tcaaaacacc ttccataaat ggttattatt      120
ggccantcat tnacatcttt attttgaaag tctgaattgn caaatagttc taaagtgcac      180
tcttgacgct aataaatagc agcatttggt tataaaacct taagaaattc agaccagggc      240
tgkanaagtc acaataaaaa atcagacatg atctanatat agtcttcctt aatcatctaa      300
gacaaacact tgtgtgaatt agtttataag g                                         331

<210> 188
<211> 567
<212> DNA
<213> Homo sapien

<400> 188
gtcgacgctg aagaaggaaa agaaatgtgt gaaactcata ggagttcccg ctgacgctga      60
ggccttaagt gaaagaagtg gaaacacccc taactctccc aggttagctg ctgaatcaaa      120
gcttcaaaca gaagttaaag aaggaaaaga aacttcaagc aaattggaaa aagaaacttg      180
taagaaatta caccctattc tatatgtgtc ttctaaatct actccagaga cccagtgcc      240
tcaacagtaa agacttgtct ttaataagag tacggtgcca cttgcctcaa aagttactat      300
ggtgcttaag attgtcttga tctgacatat atcaccttct gggttattta ctcatgtgc      360
caggacctgg cattttcatg tgcccttgac caagtgttca gaatttgctt gactctaacc      420
tgagagcctt cttaagtgat gcccttcat ggagcttcta tgacagtga taaactatta      480
attgaaggaa aatgttataa ttaatgtatc tatttgctgc attgtatatg gattaaatga      540
taaaaaacaa gtaatctacc ctgagag                                         567

<210> 189
<211> 130
<212> DNA
<213> Homo sapien

```

<220>  
 <221> misc\_feature  
 <222> (1)...(130)  
 <223> n = A,T,C or G

<400> 189  
 cctttttttt tttttttttt tttttttttt tttttttttt tttttatcnc ctaagnanat 60  
 ttttaataaa attttgaaca gttataaaaa anaaanangg cctttgggtc aataacanaa 120  
 cataacaaaa 130

<210> 190  
 <211> 426  
 <212> DNA  
 <213> Homo sapien

<400> 190  
 gtcgaccaac ttccacata tttttactaa gatgattaag acttacattt tctgcacagg 60  
 tctgcaaaaa caaaaattat aaactagtcc atccaagaac caaagtttgt ataaacaggt 120  
 tgctataagc ttggtgaaat gaaaatggaa catttcaatc aaacatttcc tatataacaa 180  
 ttattatatt tacaatttgg tttctgcaat atttttctta tgtccaccct tttaaaaatt 240  
 attatttgaa gtaatttatt tacaggaaat gttaatgaga tgtattttct tatagagata 300  
 tttcttacag aaagctttgt agcagaatat atttgcagct attgactttg taatttagga 360  
 aaaatgtata ataagataaa atctattaaa tttttctcct ctaaaaactg aaaaaaaaaa 420  
 aaaaag 426

<210> 191  
 <211> 550  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(550)  
 <223> n = A,T,C or G

<400> 191  
 cctttttttt tttttttttt tttttttttt ttttagttngg gatatgacct ttattgaact 60  
 tatccaccan agnggaaata atgtctgtac aaaaccaaact gtttggttact ataactttctg 120  
 catcacaaatt aaaatccaaa cagtttttta aaaacagtca actcaatcaa aaccactac 180  
 ttcanaatca atagcttntt tgaagccaca gtaacactta aatatgggta anactcgaat 240  
 gcanaaatat ggttggttgg aaagctaatt aaacttccaa cttgctcaaa tagaattaca 300  
 aaaaggcaaa attgtgtttt tcacananat acagnccact ggaatcacca aacttgga 360  
 gctgttanag tatttanagt cctganataa caaggaatcc aggcttcctt taaacagtct 420  
 tctgttgnc tttcttccca atcananatt tgtggatgtg tggaatgaca cncaccag 480  
 caattgtage cttgatgann gaatccaatt cttcatctcc acgaatagca agttgcaagt 540  
 gaagaggggt 550

<210> 192  
 <211> 299  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 192

```
cctttttttt tttttttgaa attnnaaatt ttattacaaa aactttttat tgctataaga      60
aaaatatgta ttaattctac aaaataacat tcagattatg ttctaattca attattcaat      120
acaattttatt ctcttgtaaa taagagaaac ttatttagaa tataaaatta taacctaatg      180
acaaagctct agtaaatgn gaactacacc tctacaccgg gcttaaagtc atcttgatta      240
atgatttctt catacatgtc acttatttta tccaaaaaag gatttgagtt ctctctgac      299
```

<210> 193

<211> 536

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(536)

<223> n = A,T,C or G

<400> 193

```
ttttttttt ttttttttat tctnncaatt tttatttctc ttacatgctc aaagaagcca      60
agcaaatcca ggtatacatg tatatgtttt aattttacag gagagagaaa gaggtataag      120
gcaagaatta actacatttt catttcacta tttctttatg agctctattt tgctgctaag      180
ttcaagtttc aaaaaaatta ttaattcctc tgctatgtta tcttggtccc attcacaana      240
taacagggat ttcccatgt gactcaaaag caagaatctt actcctaaat aacataaaca      300
gcaatatgtg tgactactgt cattcattaa ctctgatggg gaagtgcatt aaactgacca      360
ttaaagaac atttgaacaa ttccaaaagg gagcaaggat aaatctccaa atcaccat      420
agacaaggaa cccagagatg acatacagng tgctcacttc caccactgc cactgagaac      480
actgattgct ctcttcaaac acagagcgaa gaatgggcct catgtcacat ggggca      536
```

<210> 194

<211> 566

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(566)

<223> n = A,T,C or G

<400> 194

```
gtcgactgca ctattaccca gggcagatat tatgagaaac tgtttcttct ctaagggttt      60
atggcagact ttgtttttt aacatgtgag aaatgaattt tttattttgt gatttatgtg      120
attttttttg ctgagtgaag gaaaggagaa attgttgcta ttgtcagcat cttaaaggta      180
ttccagtcga aggcaaggct aagtgccttg tgatagtatt aagcaagtca tgttttgaat      240
ggattacctg tagtgactca ttggaatgat ataattatac aagtaatgcc aaaaaccaag      300
tcaaagccta attaaccaaa gcactcattt aaaaatcatc atgtttggac ctatctggac      360
ctctcagcac tgtaaaaatag ttttggtttt gtggcatatg aatagctgtt taacaaatca      420
aagttatgctn tttgttctc agcttttttg ggcaatacaa gtttaagttct taatggggag      480
acattatcat ggcattgactt aagggaacat tggtttgtga aggaaaaaca gattatctaa      540
agccatctct atgtttctgt tcagat      566
```

<210> 195  
 <211> 217  
 <212> DNA  
 <213> Homo sapien

<400> 195  
 gtcgacataa ataaatggaa gaaatatcat gttcatgggc ttcaaaagtc aacagtaaag 60  
 atgccatttt ttcttaaatt gatctacagg ttcagtgcaa ttccttcgga atctcaccag 120  
 ggtttttggg agacataaac aagttttattc taaaatttgg atggaaaggc acaggtcctg 180  
 gaataactaa agcaacctta caaaaaaaaa aaaaaaag 217

<210> 196  
 <211> 391  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(391)  
 <223> n = A,T,C or G

<400> 196  
 gtcgacggac agacttagga gttttgttta gagcagttaa catctgaagt gtctaatagca 60  
 ttaacttttg taaggtactg aataacttaat atgtgggaaa cccttttgcg tggtccttag 120  
 gcttacaatg tgcactgaat cgtttcatgt aagaatccaa agtggacacc attaacaggt 180  
 ctttgaaata tgcattgact ttatatatttc tatatttgta actttgcatg ttcttgtttt 240  
 gttatataaa aaaattgtaa atgtttaata tctgactgaa attaaacgag cgaagatgag 300  
 caccacaaaa aaaaaaaaaa aaaaaaaaaa aaaaannnaa aaaaaaaaaa aaaaaaaaaa 360  
 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa a 391

<210> 197  
 <211> 445  
 <212> DNA  
 <213> Homo sapien

<400> 197  
 gtcgactgga tctttatgtc aatgtgtaca tagtacaagc ttttttactg gaattgaggt 60  
 ttaaaaccac aactgcctt tttgggtggg tgctgttg ggcaaaaatt gggtgataat 120  
 gtagtgacac tttctcagct caatgcagtt tctacttttt cttatgggaa aatttttcat 180  
 aaaacctttt tgcacaaaaa cccaggggtg ttttttgcaa tatccttggt atcctcgtag 240  
 tgtgccaagt cagaggtttt ctcttgccct tttcctgctg tgttctcagg cctcccaagg 300  
 gctgtttgac tcaacagtct acatccttcg ttgtgttttg gagaatgtgg ggggtggggg 360  
 cagagttcaa ggtgtctgtt cccttttcct gtgaactcct tctagtcctt atttggggag 420  
 ggtggtctga aacagatttt tgctg 445

<210> 198  
 <211> 463  
 <212> DNA  
 <213> Homo sapien

<220>  
 <221> misc\_feature  
 <222> (1)...(463)  
 <223> n = A,T,C or G



```

<400> 198
gtcgacgtca gtattaatac tgagccagac tggcatctac agatttcaga tctatcattt    60
tattgattct taagcttgta ttaaaaacta ggcaatatca tcatggatac ataggagaag    120
acacatttac aatcattcat tgggcctttt atctgtctat ccatccatca tcatttgaag    180
gcctaataata tgccaagtac tcacatggta tgcattgaga cataaaaaag actgtctata    240
acctcaataa gtattaaaaa tccattattt acccataagg ttcattcttat ttcattttta    300
gggaataaaa ttacatgtct atgaaaatttc aattttaagc actattgttt ttcattgacca    360
taattttattt ttaaaaataa attaaagggtt aatttatatgc atgtatgtat ttctaataat    420
taaaaatgtg ttcaatccct ganaaaaaaaa aaaaaaaaaa aaa                    463

```

```

<210> 199
<211> 129
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

```

```

<400> 199
gtcgaccggc gggcagctgc agcttctgct gctgaggccg ggattgctac gactgggact    60
gaagactcag acgatgccct gctgaagatg accatcagcc ancaagagtt tggccgnact    120
gggcttcct                                     129

```

```

<210> 200
<211> 523
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature
<222> (1)...(523)
<223> n = A,T,C or G

```

```

<400> 200
cctttttttt tttttttttt tttttnaaat ctttatttta aagtccatgc taataatgng    60
tttacatttt tacagttaca ttatgataga aactggttga ttttttaa atctaaaaca    120
atggcccact gaanaaaagga acaattaact ctttaattaa ttccttagga taaataccca    180
naaattttaac agctagggca gacttntaat acaataccga aagtccttcc aaaaaccaag    240
nggttgccaa cttatgtccc ttagcattat aacattcttg agccaatagt gtaaaaatac    300
gctgacaatt ttataggcaa acattactca aggtatctta ctttccactt attactaaag    360
taattaaccc ctaaacagat gtcctcaac agngggacta catcctggta aacctatcat    420
aagttgaaac tatcaagttg aaatgcattt agtaccctga taaacctatc ataaagttga    480
aaatttgtaa attgaaccag tgtaaatcag aggccatntt act                    523

```

```

<210> 201
<211> 532
<212> DNA
<213> Homo sapien

```

```

<220>
<221> misc_feature

```

<222> (1)...(532)

<223> n = A,T,C or G

<400> 201

```
cctttttttt tttttttaca cttgagctta gccaaaaggc tgagaagcga ttttttttta      60
aaagctgttc tttaccatgg tttaaagcgt aaaatgcata gctataaaaa caaaacactg      120
agctaattctg attacatcca gctttttgcac tcaatagccc ttgaccctcc agtcataagc      180
aagcctgtca ttgcgccagc cctgctatac attctcatta tagtttcggt tcaaattccag      240
tgttacagaa acaaaacacc aagccctcaa tcatgctatg cgtatcttta tgtgtgcatg      300
tcttatgtat gtttaaaata aacattttta aatgttttag gccaggcttg gnggctcatt      360
cagttttagt ttgctttttt ttggccattc ttgtttattt tnggaataag taaaacattt      420
aaatacttaa gtcacatctg tataaaaagt atattcatag gaaggaattt aacaatttta      480
ataaaactta ttagcatatc aatgagtttc aagatacacc tgaaactaaa tt                    532
```

<210> 202

<211> 114

<212> DNA

<213> Homo sapien

<400> 202

```
ctccttggtg tggctttctc tgagtgaatg tcacaaggcc ggtgacagga gggggtggag      60
gtgaggggac aaagtagagg ccgaggggtc gtgccttttg agaaagtcca gaga                    114
```

<210> 203

<211> 304

<212> DNA

<213> Homo sapien

<220>

<221> misc\_feature

<222> (1)...(304)

<223> n = A,T,C or G

<400> 203

```
gtcgaccttt ttttcccaac ttcttgcttt ctattggatt gttagggatt tctgtttttc      60
actttatttc tctctgctta ttgaaagct atacagcatg gttttctttc tttagggatc      120
actcttccac tttacttttt aaagatggat aaattttata catttaaaaa atttaattctg      180
tatttgatc ttcttctga gtggacctta gcatgttata aatgctcact gaataattct      240
cattgttaat tagagtttgg ttttatntt ttaanncaa tgtacttact tattcttagn      300
gtaa                                          304
```

<210> 204

<211> 581

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(581)

<223> n = A,T,C or G

<400> 204

```
cngcgttgtg aggtgagcnn tttcagaagc gcatccag gacacgtcgg gaagcaagca 60
```

```

tccttttagc tgcttggaag gaggaccaa gacggctaaa anntcatttg gaaatatctc 120
taaataattg ttaccatgta taagctgcta aagagaaatt gggcccaaca aaactaattg 180
aataattgag gcagatttgt gtgtatcatc aaattctatc cagaagttga agaattctgaa 240
tttaaagatt gtgtgcattt aataagagga tgacctttca gtttaatttc actatagaag 300
accatctgga aatgaatta acaccatta gagatggagc ttgaccctg gattcctcaa 360
aagagctgtc agtctcagaa agtcaaaaag gagaagagag ggacagaaaa tgttctgcag 420
aacaatttga cttgcctcag gatcacttgt gggaaacataa gtcaatggaa aatgcagctc 480
cctctcaaga cacagacagt ccactcagtg cagccagcag ttcaaggaac ttggagccac 540
atggaaaaca gcctccttg agagctgcca aagagcatgc t 581

```

<210> 205

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(409)

<223> n = A,T,C or G

<400> 205

```

gccctgaaga acagtgcctg gatgtggtga cccactggat ccaggaaggt gaagaagggc 60
gtccaaagga tgaccgccac ctccgtggct gtggctacct tcccggctgc ccgggctcca 120
atggittcca caacaacgac accttccact tctgaaatg ctgcaacacc accaaatgca 180
acgagggccc aatcctggag cttgaaaatc tgccgcagaa tggccgccag tgttacagct 240
gcaaggggaa cagcaccat ggatgctcct ctgaagagac tttcctcatt gactgccggg 300
gccccatgaa tcaatgtctg gtagccacgc gngcgacgtc acagagacnc ggaaaaacca 360
aagctatatn ggtaaagagg ctgtgcaacc cgctctcaat gtgccaaca 409

```

<210> 206

<211> 561

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(561)

<223> n = A,T,C or G

<400> 206

```

gtntcatggg aaaggacatg tctctogaag aaaggttata aaccctgaga tatgagggtt 60
tttttgagac atccgagcct gtttcgttcc gggntgggan caggaataac cctgacttct 120
gagctttcat aacccagga tccctcagaa aatttgcggc gcgctgaggg aaaaccttgc 180
tgaagctgta cattggaatg cgtttacagt cattgtaatg gaagcaaaat acatgaagga 240
aaaactgtta tttgtatccc tgcttattgc acctgacgac tagttgcaga tggttttgtt 300
tacctaagaa aacttgtgat ataaatgaaa aaaacacctg ttttctaga gtcatttggt 360
acaaatatgc ttctgtctag agctatttgt ccattctcct ggagagtgtt tcaatttcga 420
cccatcagtt gtgaaccact aattattcag atgaataagt gtacagatga ggagcaaatg 480
tttggtttta ttgaaagaaa caaagccata ctttcagaaa agcaagtggg atgtgcattt 540
gatatgcttt ggaagcttca a 561

```

<210> 207

<211> 461

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(461)

<223> n = A,T,C or G

<400> 207

```

ggtntttcca gccaatgtga cctttaaaac ctatgaaggt ntnatgcaca gttcgtgtca 60
acaggaaatg atggatgtca agcaattcat tgataaaact ctacctcaa ttgattgacg 120
tcactaagag gccttggtga gaagtacacc agcatcattg tagtagagtg taaacctttt 180
cccatgccca gtcttcaa at ttctaagt ttgcagtgtt aaaatgtttt gcaaatacat 240
gccgataaca cagatcaa at aatatctcct catgagaa at ttatgatctt ttaagtttct 300
atacatgtat tcttataaga cgacccagga tctactatat tagaatagat gaagcaggta 360
gcttcttttt tctcaaatgt aattcagcaa aataatacag tactgccacc agatttttta 420
ttacatcatt tgaaaattag cagtatgctt aatgaaaatt t 461

```

<210> 208

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(296)

<223> n = A,T,C or G

<400> 208

```

gatgaacatc catccnaatt nogaagagcc tatattatac cctcttcaag aatttgcattg 60
gcatcaatat ctacaggaga aaaaaaggga actcaaaaat gaaacctggg aatattcttc 120
ctctgtgatt tcttttggtt atggtcagtt tctgggtgat gcattggatc tgcagaaatg 180
ggcccacgag gtgtgggata tagttgacat taaacctctc gcactttatg acgcactcac 240
tgaggatttt tccgctaagt tcttaagaga caccaagcat gatttcgtgt ttttgg 296

```

<210> 209

<211> 282

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(282)

<223> n = A,T,C or G

<400> 209

```

gcataataaa tgctttgagc ttcttgacta tcatatacct aaagaaagtg catcagagaa 60
tnatatctct gacttttncn tgactggcaa aaagcnagct ttatcttgtc ttataggatg 120
cttagtttgc cactncactt caaaccaatg ggacagtcnt anatggngng acagtgttna 180
anncaccaa aagntncnt ttccntgggg ccancnctgt cntnancctc nctaancat 240
ttgnanaatt ttaancncnn gttaantaaa aaaaaaaaa aa 282

```

<210> 210

<211> 1445  
 <212> DNA  
 <213> Homo sapiens

<400> 210

```

ggcgttgatga ggtgagcttt ttcagaagcg cgatcccagg acacgtcggg aagcaagcat 60
ccccagagct gcttggaag aggaccaaag acgtctaaaa agtcatttgg aaatatctct 120
aaatatttgt taccatgtat aagctgctaa agagaaattg ggcccaacaa aactaattga 180
ataattgagg cagatttgtg tgtatcatca aattctatcc agaagttgaa gaatctgaat 240
ttaaagattg tgtgcattta ataagaggat gacctttcag ttttaatttc ctatagaaga 300
ccatctggaa aatgaattaa caccattag agatggagct ttgaccctgg attcctcaaa 360
agagctgtca gtctcagaaa gtcaaaaagg agaagagagg gacagaaaaat gttctgcaga 420
acaatttgac ttgcctcagg atcacttgtg ggaacataag tcaatggaaa atgcagctcc 480
ctctcaagac acagacagtc cactcagtc agccagcagt tcaaggaaact tggagccaca 540
tggaaaacag cctccttga gagctgccaa agagcatgct atgcctaaag atttaaagaa 600
gatgttagaa aataaagtca tagaaacatt accaggtttc cagcatgtta agttatcagt 660
agtgaiaacc atcttgttga aagagaactt cctggagaa aacatagttt caaaaagctt 720
ttcttctcac tctgatctga ttacaggtgt ttatgaggga ggcttaaaaa tctgggaatg 780
tacctttgac ctcttggttt atttcacaaa ggccaaagtg aaatttgctg ggaaaaaagt 840
cttggatctt ggttgtggat caggtttact aggtataact gcattcaagg gaggggtccaa 900
agaaattcac tttcaagatt ataacagtat ggtgattgat gaagtaacct tacctaattg 960
agtagctaac tccactttgg aagatgaaga aaatgatgta aatgagccag atgtgaaaag 1020
atgcaggaaa ccaaaagtaa cacaactata taaatgccga tttttttctg gtgagtgggtc 1080
tgagttttgt aagcttgtac taagtagtga aaaacttttt gtaaaatatg atctcattct 1140
cacctcagaa accattttaca acccagatta ttatagtaat ttgcaccaga ctttccttag 1200
actgttaagt aaaaaaggac gtgtactttt ggccagcaaa gcacattatt ttggtgtagg 1260
tggaggtgtt catctctttc agaagtttgt agaagaaaga gatgttttta agaccagaat 1320
actcaaaata attgatgaag gattgaagag gttcataatt gaaataactt ttaagtttcc 1380
tggtaatta acattcactg agtatccaaa atgaaataaa cagaaggacc aaaaaaaaaa 1440
aaaaa                                           1445

```

<210> 211  
 <211> 414  
 <212> DNA  
 <213> Homo sapiens

<400> 211

```

aaaaagggaa ggaaggagag acagataact ctcagtcatt taaaaaacta caataaaata 60
ttatgaatta tcaattagat caaagttcct cacagctata tttatatagg taaaaaaaaa 120
ttaaataaggc taaatgccca aaaattttaag actggcaaaa tatacttggc taaatactgt 180
gcgtctctat taaataccat gtttcagaag aattattaat gacatgagaa tatgctcaaa 240
atacatattg atatgtgcaa atacatattg caaagtaaga ttatagaatg atcctagttc 300
aaaaatgtca catatatatg tatttaaaaa aaaaggcagt taagatttac aacaaaatgt 360
tagtgggtggg accttctggt aggaatacag attttttttt attcagaagt tttt      414

```

<210> 212  
 <211> 720  
 <212> DNA  
 <213> Homo sapiens

<400> 212

```

gtcgacgtaa aatagaaaca gaaggggact ttatcaacct gattaacttt ctcaacatgt 60
taaccctaca gttaacatta taatcaatgg tgaatcattg agtactttcc ttctaagatc 120
agaaacagtt caaagtcac tctcaccatt tctattcaac attgtactgg aatcccagcc 180

```

```

agtgcagtaa taccaataat aaaaaattaa agtcataaag attgaaaagg atgaagtaaa 240
gctattttcaa ttctattttag aagtattttag aaaccccaaa gaatctacaa aaaactaata 300
gaaataagtg aatatatgaa ggtcttacta tacaagatca acatatcaaa agcagtggta 360
tttaagaaaa gggtggagac tattttataat aaacagtggt tgaattttgt taatgctttt 420
tctgtatttt ttgaaatgat cttattattt ttctctttgc taaaaatgtg agtaaccttg 480
agttgacttt ctgtgtaaat caaccttggt tcccaggaaa aaactccaat tgatcatgat 540
gtgttatcct ttttatacat tgctgtattc aatatgctaa tatattttatt ttttgtgtct 600
atttcatgag ggatatcagt atgtaattgt tttttcttgt tatatctttg ttggttttat 660
taatcaacat tatgctaact tcatacaata tattggaaca tgctccctcc ttttattttc 720

```

<210> 213

<211> 1114

<212> DNA

<213> Homo sapiens

<400> 213

```

gctcctaaca aagaagatat cttgaaaatt tcagaggatg agcgcattga gctcagtaag 60
agcttttcgag tatactgtat tatccttgta aaacccaaag atgtgagtct ttgggctgca 120
gtaaaggaga cttggaccaaa acaactgtgac aaagcagagt tcttcagttc tgaaaatggt 180
aaagtgtttg agtcaattaa tatggacaca aatgacatgt ggtaaatgat gagaaaagct 240
tacaaatacg cttttgataa gtatagagac caatacaact ggttcttctc tgcacgcccc 300
actacgtttg ctatcattga aaacctaaag tattttttgt taaaaaagga tccatcacag 360
cctttctatc taggccacac tataaaatct ggagaccttg aatatgtggg tatggaagga 420
ggaattgtct taagtgtaga atcaatgaaa agacttaaca gccttctcaa tatcccagaa 480
aagtgtcctg aacagggagg gatgatttgg aagatatctg aagataaaca gctagcagtt 540
tgcttgaaat atgctggagt atttgacagaa aatgcagaag atgctgatgg aaaagatgta 600
tttaatacca aatctgtttg gctttctatt aaagaggcaa tgacttatca cccaaccag 660
gtagtagaag gctgttggtc agatatggct gttactttta atggactgac tccaaatcag 720
atgcatgtga tgatgtatgg ggtataccgc cttagggcat ttgggcatat tttcaatgat 780
gcattggttt tcttacctcc aaatggttct gacaatgact gagaagtggg agaaaagcgt 840
gaatatgac tttgtatagg acgtgtgttg tcattatttg tagtagtaac tacatatcca 900
atacagctgt atgtttcttt ttcttttcta atttgggtgc actgggtataa ccacacatta 960
aagtcagtag tacattttta aatgagggtg gttttttctt ttaaaacaca tgaacattgt 1020
aaatgtgttg gaaagaagtg ttttaagaat aataattttg caaataaact attaataaat 1080
attatatgtg ataaattcta aaaaaaaaaa aaaa 1114

```

<210> 214

<211> 1495

<212> DNA

<213> Homo sapiens

<400> 214

```

gtaacggatg gtgcgccaac gtgagaggaa acccgtgcgc ggctgcgctt tctgtcccc 60
aagccgttct agacgcggat gaagtgcaaa acaaacttct ccatagagga gttgttgcaa 120
agttccagtt tataccaaac agtaatcaga ttccattgga agctaaagat tttgagagcc 180
ttttgtacta tatgcaacta acttgatttc aagcttgga acttttaaaa aaaacattaa 240
agcaaaatga aaaatgcttt ctgaaagcag ctcttttttg aaagggtgta tgcttggaag 300
ccattttctg tgctttgatc cactaatgct aaggacacat taggattggg catggaaata 360
gaatgcacca ccatgagcat catcacctac aagctcctaa caaagaagat atcttgaaaa 420
tttcagagga tgagcgcagt gagctcagta agagctttcg agtatactgt attatccttg 480
taaaacccaa agatgtgagt ctttgggctg cagtaaagga gacttgacc aaacactgtg 540
acaaagcaga gttcttcagt tctgaaaatg ttaaagagtt tgagtcaatt aatatggaca 600
caaatgacat gtggttaatg atgagaaaag cttacaaata cgcctttgat aagtatagag 660
accaatataa ctggttcttc cttgcacgcc ccactacgtt tgctatcatt gaaaacctaa 720

```

```

agtatttttt gttaaaaaag gatccatcac agccttttcta tctagggccac actataaaat 780
ctggagacct tgaatatgtg ggtatggaag gaggaattgt ctttaagtgt gaatcaatga 840
aaagacttaa cagccttctc aatatcccag aaaagtgtcc tgaacaggga gggatgattt 900
ggaagatata cgaagataaa cagctagcag tttgcctgaa atatgctgga gtatttgcag 960
aaaatgcaga agatgctgat ggaaaagatg tatttaatac caaatctgtt gggcttttcta 1020
ttaagaggc aatgacttat ccccccaacc aggtagtaga aggcctgttg tccagatatgg 1080
ctgttacttt taatggactg actccaaatc agatgcattg gatgatgtat ggggtatacc 1140
gccttagggc atttgggcat attttcaatg atgcattggg tttcttacct ccaaattggt 1200
ctgacaatga ctgagaagtg gtagaaaagc gtgaatatga tctttgtata ggacgtgtgt 1260
tgtcattatt tgtagtagta actacatata caatacagct gtatgtttct ttttcttttc 1320
taatttggtg gcaactggtat aaccacccat taaagtcagt agtacatttt taaatgaggg 1380
tggttttttt ctttaaaaaca catgaacatt gtaaattgtg tggaaaaaag tgttttaaga 1440
ataataattt tgcaaataaa ctattaataa atattatatg tgataaattc taacc 1495

```

<210> 215

<211> 838

<212> DNA

<213> Homo sapiens

<400> 215

```

ggctgggaag tcagttcgtt ctctcctctc ctctcttctt gtttgaacat ggtgcggact 60
aaagcagaca gtgttccagg cacttacaga aaagtgggtg ctgctcgagc cccagaaaag 120
gtgcttgggt cttccacctc tgccactaat tgcacatcag tttcatcgag gaaagctgaa 180
aataaatatg caggagggaa ccccgtttgc gtgcgcccac ctcccaagtg gcaaaaagga 240
attggagaat tcttttaggt gtcccttaaa gattctgaaa aagagaatca gattcctgaa 300
gaggcaggaa gcagtggctt aggaaaagca aagagaaaag catgtccttt gcaacctgat 360
cacacaaatg atgaaaaaga atagaacttt ctcatcctc tttgaataac gtctccttgt 420
ttaccctggt attctagaat gtaaatttac ataaatgtgt ttgttccaat tagctttgtt 480
gaacaggcat ttaattaaaa aatttaggtt taaatttaga tgttcaaaaag tagttgtgaa 540
atttgagaat ttgtaagact aattatggtg acttagctta gtattcaata taatgcattg 600
tttggtttct tttaccaaat taagtgtcta gttcttgcta aaatcaagtc attgcattgt 660
gttctaatta caagtatgtt gtatttgaga tttgcttaga ttgttgact gctgccattt 720
ttattgggtg ttgattattg gaatgggtgc atattgtcac tcttctact tgctttaaaa 780
agcagagtta gattttttgca cattaaaaaa ttcagtatta attaaaaaaa aaaaaaaa 838

```

<210> 216

<211> 938

<212> DNA

<213> Homo sapiens

<400> 216

```

cacctcaggc tgtggctctt tgggcttctt cctaattgcag aagaagttgc ccagcagcaa 60
aatcagggag gaggtgagca cctcggcccc cgccaggatg aacacgtaca tgtagacgtg 120
ggtcgcaccc aggagtttgc ctcccgaagg gggcccgacg agcacggcca ccgcctccat 180
cagcagcacc aggccaatgg cactggagaa cttgtaggag atgccaaaga agatgcagaa 240
gaccacgagg ccgccgtagt cgcccgcctg agagcccgcg aggtccgcga ggccgttgaa 300
gaacatggag aagctgaaga ggtagacgga gtagggccgc accttcccaa gccccgccac 360
gaagcccgcg gccggccgcg cgaagatgtc aatgaagccc aggatggtga gcaggaaggc 420
ggccttggtg tcgggcacgc ccaggtcctt ggctagctc accacgaaca cgggcgggac 480
gaagagcccc agcaccatga ccgaggcggc cagggcgtaa agcacaagc cgcggtcccc 540
gaagacgtc aggtctagca ggcccgggg ggtcgcggc ggccccgagc ccggtgtggc 600
cgtgaccacc aggggcctca tgagtgcggc acacacgcag cagttgagca gcaggccgcc 660
caggatgagg aagccgcccc gccagccgta gcggctctgc agcagctgcc ccagcgggct 720
cagggcacac aggaagacag ggctacctgc tgccgccagc ccgttgggca tggggcgccg 780

```

```

cttgc tgaag tagcggttca gcatgatgag cgagggctgg aagttgagtg ccaaacccaa 840
ccccgtgatg accccagtggt tgaggtagac ctggatgatg ctccggcaaa aggacgcagc 900
caccatgccc agcgacgcaa agagaccccc cacaagca 938

```

```

<210> 217
<211> 1982
<212> DNA
<213> Homo sapiens

```

```

<400> 217
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ccatgggagg ggcgtggtg gacgagggcc ccacaggcgt caaggccccct gacggcggt 120
ggggctgggc cgtgctcttc ggctgtttcg tcatcactgg cttctcctac gccttcccc 180
aggccgtcag tgtcttcttc aaggagctca tacaggagtt tgggacggc tacagcgaca 240
cagcctggat ctctccatc ctgctggcca tgctctacgg gacaggtcgg ctctgcagt 300
tgtgcgtgaa ccgctttggc tgccggcccg tcatgcttgt ggggggtctc tttgcgtgc 360
tgggcatggt ggtgcgtcc ttttgcggga gcatcatcca ggtctacctc accactggg 420
tcatcacggg gttgggtttg gcaactcaact tccagccctc gctcatcatg ctgaaccgt 480
acttcagcaa gcggcgcccc atggccaacg ggtggcggc agcaggtagc cctgtcttc 540
tgtgtgccct gagcccgctg gggcagctgc tgcaggaccg ctacggctgg cggggcggt 600
tcctcatcct gggcggcctg ctgctcaact gctgcgtgtg tgccgcactc atgaggcccc 660
tgggtggtcac ggcccagccg ggctcggggc cgccgcgacc ctcccggcgc ctgctagacc 720
tgagcgtctt ccgggacccg ggctttgtgc tttacgccgt ggccgcctcg gtcatggtgc 780
tggggctctt cgtcccgccc gtgttcgtgg tgagctacgc caaggacctg ggcgtgccg 840
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tctccatgtt cttcaacggc ctgcgggacc tggcgggctc tacggcgggc gactacggc 1020
gcctcgtggt cttctgcate ttctttggca tctcctacgg catggtggg gcctcgagt 1080
togaggtgct catggccatc gtgggcaccc acaagtctc cagtgccatt ggctgggtc 1140
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cgacccacgt ctacatgtac gtgttcaccc tggcgggggc cgaggtgctc acctcctcc 1260
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tgccggagggt ggagcatttc ctgaaggctg agcctgagaa aaacggggag gtggttcaca 1440
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aagccggcaa cgcttgctat ttattttaca aactggactg gctcaggcag ggccacggc 1560
gggctccagc tgccggccca gcgatcgtc gccgatcag tgttttgagg gggaagggtg 1620
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ccgcagacag gctggcaggg caggtgctgc gtggggccct ctccagccg tcctacctg 1860
ggctcacatg gggcctgtgc ccacccctct tgagtgtctt ggggacagct ctttccaccc 1920
ctggaagatg gaaataaacc tgcgtgtggg tggagtgttc tcgtgccgaa ttcaaaaagc 1980
tt 1982

```

```

<210> 218
<211> 592
<212> DNA
<213> Homo sapiens

```

```

<400> 218
aggtctcatg ggaaagggtca tgtctctcga agaaagggtta taaaccctga gatatgaggg 60
ttgggcgaga catccgagcc tgtttcgttc cgtgttgagg ccaggaataa ccctgacttc 120
tgagctttca taaccccagg atcctccaga aaatttgccg cgcgctgagg gaaaaccitg 180

```



```

ctgaagctgt acattggaat gcgtttacag tcattgtaat ggaagcaaaa tacatgaagg 240
aaaaactgtt atttgtatcc ctgcttattg cacctgacga ctagttgcag atgggtttgt 300
ttacctaaga aaacttgtga tataaatgaa aaaaacacct gttttcctag agtcattggg 360
tacaaatatg cttcgtctaa gagctatttg tccattctcc tggagagtgt ttcaatttcg 420
acccatcagt tgtgaaccac taattattca gatgaataag tgtacagatg aggagcaaat 480
gtttggtttt attgaaagaa acaaagccat actttcagaa aagcaagtgg gatgtgcatt 540
tgatatgctt tggaagcttc aaaagcagaa gaccagcctg ttaaaaaatg ct 592

```

```

<210> 219
<211> 650
<212> DNA
<213> Homo sapiens

```

```

<400> 219
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agccgcagcc ggggccaaaag tttgtggggt cagggcccca tccagcagct gccctgcccc 120
atgtgacatg aggcccatto ttcgctctgt gtttgaagag agcaatcagt gttctcagtg 180
gcagtgggtg gaagtgagca cactgtatgt catctctggg ttccttgtct attgggtgat 240
ttggagattt atccttgcct ccttttggaa ttgttcaaat gttcttttaa tggtcagttt 300
aatgaacttc accatcgaag ttaatgaatg acagtagtca cacatattgc tgtttatgtt 360
atttaggagt aagattcttg cttttgagtc acatggggaa atccctgtta ttttgtgaat 420
tgggacaaga taacatagca gaggaattaa taattttttt gaaacttgaa cttagcagca 480
aaatagagct cataaagaaa tagtgaaatg aaaatgtagt taattcttgc cttataacct 540
tttctctctc ctgtaaaatt aaaacatata catgtatacc tggatttgct tggcttcttt 600
gagcatgtaa gagaaataaa aattgaaaga ataaaaaaaa aaaaaaaaaa 650

```

```

<210> 220
<211> 782
<212> DNA
<213> Homo sapiens

```

```

<400> 220
ggtgaatcca gccaatgtga cctttaaaac ctatgaaggt atgatgcaca gttcgtgtca 60
acaggaaaatg atggatgtca agcaattcat tgataaactc ctacctcaa ttgattgacg 120
tcaactaagag gccttgtgta gaagtacacc agcatcattg tagtagagtg taaacctttt 180
cccatgccca gtcttcaaat ttctaatgtt ttgcagtgtt aaaatgtttt gcaaatacat 240
gccgataaca cagatcaaat aatatctcct catgagaaat ttatgatctt ttaagtttct 300
atacatgtat tcttataaga cgaccagga tctactatat tagaatagat gaagcaggta 360
gcttcttttt tctcaaatgt aattcagcaa aataatacag tactgccacc agatttttta 420
ttacatcatt tgaaaattag cagtatgctt aatgaaaatt tggtcaggta taaatgagca 480
gttaagatat aaacaattta tgcattgtgt gacttagtct atggatttat tccaaaattg 540
cttagtcacc atgcagtgtc tgtattttta tatatgtgtt catatataca taatgattat 600
aatacataat aagaatgagg tggatttaca ttattcctaa taatagggat aatgctgttt 660
attgtcaaga aaaagtaaaa tegtctctct caattaatgg cccttttatt ttgggaccag 720
gcttttattc tccctgatat tatttctatt taatactctt ttctctcaaa aaaaaaaaaa 780
aa 782

```

```

<210> 221
<211> 2417
<212> DNA
<213> Homo sapiens

```

```

<400> 221
cttccttccg cttgcgtgtg gagctgaggg ggtgtatgtg cggcaataac atgtcaaccc 60

```

```

cgctgcccgc catcgtgccc gccgcccgga aggccaccgc tgcgggtgatt ttectgcatg 120
gattggggaga tactggggcac ggatgggcag aagcctttgc aggtatcaga agttcacata 180
tcaaatatat ctgcccgcac gcgcctgtta ggctgttac attaaatatg aacgtggcta 240
tgccttcatg gtttgatatt attgggcttt caccagattc acaggaggat gaatctggga 300
ttaaacaggc agcagaaaaat ataaaagctt tgattgatca agaagtgaag aatggcattc 360
cttctaacag aattatTTTT ggagggTTTT ctgagggagg agctttatct ttatatactg 420
cccttaccac acagcagaaa ctggcagggtg tcaactgact cagttgctgg cttccacttc 480
gggcttcctt tccacagggt cctatcgggt gtgctaatag agatatttct attctccagt 540
gccacgggga ttgtgaccct ttggttcccc tgatgtttgg ttctcttacg gtggaaaaac 600
taaaaacatt ggtgaatcca gccaatgtga cctttaaaaa ctatgaagg atgatgcaca 660
gttcgtgtca acaggaaatg atggatgtca agcaattcat tgataaaact ctacctcaa 720
ttgattgacg tctaataag gcttgtgtga gaagtacacc agcatcattg tagtagagt 780
taaacctttt cccatgcccc gtcttcaaat ttctaagtgt ttgcagtgtt aaaatgtttt 840
gcaaatacat gccgataaca cagatcaaat aatatctct catgagaaat ttatgatctt 900
ttaagtttct atacatgtat tcttataaga cgaccaggga tctactatat tagaatagat 960
gaagcaggta gcttcttttt tctcaaatgt aattcagcaa aataatacag tactgccacc 1020
agatttttta ttacatcatt tgaaaattag cagtatgctt aatgaaaatt tgttcaggta 1080
taaatgagca gttaagatat aaacaattta tgcattgctt gacttagtct atggatttat 1140
tccaaaattg cttagtcaac atgcagtgct tgtattttta tatatgtgtt catatataca 1200
taatgattat aatacataat aagaatgagg tggatttaca ttattcctaa taatagggat 1260
aatgctgttt attgtcaaga aaaagtaaaa tcgttctctt caattaatgg cccttttatt 1320
ttgggaccag gcttttattt tccctgatat tatttctatt taatactctt ttctctcaag 1380
aaaaaaaaaa aagtttgttt tttctttatt gtcttcata gcaggccaag tattgcctct 1440
ctgcaataga cagctactgt caatacatgc tgtaatttga cattctgggt cacagatata 1500
aggtatttaa aatctattta tgctttatag agaaaccaga cattaaaact tcatgcacta 1560
cttatttoga attactgtac cttatccaaa ttacaccta gctattagga tcttcaacct 1620
aggtaacagg aataattctg tggtttcatt tttctgtaaa caactgaaag aataattaga 1680
tcatattcta gtatgttctg aaatatcttt aagactgac ttaaaaaacta acttctaaga 1740
tgatttcac tctcatagt atagagtta cttgtacac gttgaaacca actactgtag 1800
aagatgagga atctattgta attttttgct ttattttcat ctgccagtgg acttatttga 1860
attttcactt tagtcaaatt attttttgta ttagtttttg atgcagacat aaaaatagca 1920
atcattttta attgtcaaaa tttccagatt actggtaaaa attatttgaa aacaaactta 1980
tgggtaataa aggctagtca gaacctata ccataaagt tagttaccat acagattaat 2040
atgtagcaaa aatgtatgct tgatatttct caactgtgtt aatttttctg ctgtattcca 2100
gctgaccaa acaatattaa gaatgcact ttataaatgg gtgctaattg ataattgaaa 2160
taatttagta atggactata caggatgtta ataataagc catatgttta tgtctggatt 2220
taaaaatttt aaacaatcat ttactatgtc atttttctt accttgaaga acataaactg 2280
ttatttcact tctacaaatc agcaagatat tatttatggc aagaaatatt ccattgaaat 2340
attgtgctgt aacatgggaa agtgtaaagt tttttcatgg tttctatcaa tgtgaaataa 2400
aatttaattc tgaaaaaa
2417

```

<210> 222

<211> 1466

<212> DNA

<213> Homo sapiens

<400> 222

```

ggtggtgggg ctcttcagct gcccaaactt tcagattgag aagagcgccg ctgagaatct 60
gaagaataat catccatcca aatttgaaga tccatatatta gttcctcttc aagaatttgc 120
atggcatcaa tatctacagg agaaaaaaag ggaactcaaa aatgaaacct gggaatattc 180
ttctctgtg atttcttttg ttaatggta gtttctgggt gatgcattgg atctgcagaa 240
atgggcccac gaggtgtggg atatagttga cattaaacct tctgcacttt atgacgcact 300
cactgaggat ttttccgcta agttcttaag agacaaccaag catgatttgc tgtttttgga 360
catttgtatt gattcttctc caattggaag attgattttt gagctatact gtgatgtgtg 420

```

```

tcccaaaaca tgtaaaaatt ttcagggtctt gtgcacagga aaagcagggt tttctcaacg 480
tggcataaga ctacattaca aaaattccat ttttcatcga atagtacaga atggctggat 540
acaaggaggg gatatagtgt atggaaaagg agataatgga gagtcgattt atgggtccaac 600
atgtgaagga caggctccca tgcagatgga actgttggga atggcatcaa aattatccag 660
gatacaggga caatcatgac aaagagggaa taggaacaga gtcagaaatt taaggaagaa 720
agccacatgc ttcaatatgc aagattttca acatgcaaga gggagctttt tgaaactaga 780
aaatctactt tcttttctaaa gacacatctt ctaaacattt aggaaaacta atgtcaccct 840
atataacaaa gagagtcttct ctgaaagaaa ataatgttta ttcaggaata gggatttgct 900
gtaggcatac atgtgccata ggaaacgatg tgcataattca ggaaggtaaa ggcagacaaa 960
gggttttaaa ggaaaatttg ggaagattac gtaattgttt tgaaatgatt atccttggct 1020
atagcgatca gtaacaagag tccaagggtg gactggacag gtgtccctgc agaagtatta 1080
atatttcctg cataaggctg caatggcctt tatgcaagggt tgtggctttt gtagttcttt 1140
gtgattgttt tgctatcagg catacaagtg tgagagttct ctgttcatag ctttccttgg 1200
ctctatttgt cagcattttt taaacatgac tacattttga ttctgaccac tattacacta 1260
attttatatt agaatgaaca atagaagttt caaggtgatt ataagaataa agagaataaa 1320
gagcagatga acatcagcac tgatagttaa tgtaccctag aaagacatgc tcataggata 1380
cagttgaccc ttgagcaaca tggatttgaa atgtacgagt ccacttaaag aaacttacag 1440
tcagtttctt taaaaaaaaa aaaaaa

```

```

<210> 223
<211> 724
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> 38,39,57,61,63,126,172,211,212,319,
328,333,346,418,420,423,430,515,521,552,
555,569,570,587,671,709
<223> n = A,T,C or G

```

```

<400> 223
ggcacgagga atcacccctcg gctgggaagt cagttcgnnc tctcctctcc tctcttnttg 60
ntngaacatg gtgcgggacta aagcagacag tgttccaggc acttacagaa aagtgggtgc 120
tgetcnagcc cccagaaagg tgcttgggtt tccacctct gccactaatt cnacatcagt 180
ttcatcgagg aaagctgaaa ataaatatgc nngaggaacc ccgtttgcgt gcgccaact 240
cccaagtggc aaaaaggaat tggagaattc tttaggttgt cccctaaaga ttctgaaaaa 300
gagaatcata ttcttgaana ggcacgangc agnggcctta gaaaancaa gagaaaagca 360
tgtcctttgc aacctgatca cacaatgat gaaaaagaat acaactttct cattcatntn 420
tgnataacgn ctcttgtttt accctgggtat tctagaatgt aaatttacat aaatgtgttt 480
gttccaatta gctttgttga acaagcattt aattnaaaaa nttacgttta aatttagatg 540
ttcaaaagga gntngnaaat ttgagaatnn gtaagactaa ttatggnaac ttagcttagt 600
attcaatata atgcattgggt ggggtttctt ttacccaaat taaggggtct agttctttgt 660
taaaatcaag ncatttgcgt ttgtggttct aaatacaagt attgttgcnt ttgagaattg 720
ctta
724

```

```

<210> 224
<211> 1444
<212> DNA
<213> Homo sapiens

```

```

<400> 224

```

```

ggcacgaggg aaacaccctc ggctgggaag tcagttcggt ctctctctct ctctctctct 60
gtttgaacat ggtgcggaact aaagcagaca gtgttccagg cacttacaga aaagtgggtg 120
ctgctcgagc cccagaaaag gtgcttggtt cttccacctc tgccactaat tcgacatcag 180
tttcatcgag gaaagctgaa aataaatatg caggaggga ccccgtttgc gtgcgccccaa 240
ctcccaagtg gcaaaaagga attggagaat tcttttaggt gtccctaaa gattctgaaa 300
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catgtccttt gcaacctgat cacacaaatg atgaaaaaga atagaacttt ctcatcctc 420
tttgaataac gtctccttgt ttaccttggg attctagaat gtaaatttac ataatgtgt 480
ttgttccaat tagctttgtt gaacaggcat ttaattaa aatttaggtt taaatttaga 540
tgttcaaaag tagttgtgaa atttgagaat ttgtaagact aattatggta acttagctta 600
gtattcaata taatgcattg tttggtttct tttaccaa taagtgtcta gttcttgcta 660
aaatcaagtc attgcattgt gttctaatta caagtatgtt gtatttgaga tttgcttaga 720
ttgttgtact gctgccattt ttattgggtg ttgattattg gaatgggtgc atattgtcac 780
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ggagaatggc gtgaaccggg gaagtggagc ttgcagttag ccgagattgc gccactgcag 1380
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aaaa
1444

```

<210> 225  
<211> 836  
<212> DNA  
<213> Homo sapiens

```

<400> 225
gtgaaacacc ctgggtgagg aagtcagttc gttctctctc ctctctctct cttgtttgaa 60
catggtgagg actaaagcag acagtgttcc aggcacttac agaaaagtgg tggctgctcg 120
agccccaga aaggtgcttg gttcttccac ctctgccact aattcgacat cagtttcatc 180
gaggaaagct gaaaataaat atgcaggagg gaaccccggt tgcgtgcgcc caactcccaa 240
gtggcaaaaa ggaattggag aattcttttag gttgtccctt aaagattctg aaaaagagaa 300
tcagattcct gaagaggcag gaagcagtg cttaggaaaa gcaaagagaa aagcatgtcc 360
tttgcaacct gatcacaaa atgatgaaaa agaatagaac tttctcattc atctttgaat 420
aacgtctcct tgtttaccct ggtattctag aatgtaaatt tacataaatg tgtttgttcc 480
aattagcttt gttgaacagg catttaatta aaaaatttag gtttaaatat agatgttcaa 540
aagtagttgt gaaatttgag aatttgtaag actaattatg gtaacttagc ttagtattca 600
atataatgca ttgtttggtt tcttttacca aattaagtgt ctagtcttg ctaaaatcaa 660
gtcattgcat tgtgttctaa ttacaagtat gttgtatttg agatttgctt agattgttgt 720
actgctgcca tttttatttg tgtttgatta ttggaatggg gccatattgt cactccttct 780
acttgcttta aaaagcagag ttagattttt gcacattaaa aaattcagta ttaatt 836

```

<210> 226  
<211> 836  
<212> DNA  
<213> Homo sapiens

```

<400> 226
gtgaaacacc ctgggtgagg aagtcagttc gttctctctc ctctctctct cttgtttgaa 60

```

```

catggtgctgg actaaagcag acagtgttcc aggcacttac agaaaagtgg tggctgctcg 120
agcccccaga aaggtgcttg gttcttccac ctctgccact aattcgacat cagtttcac 180
gaggaaagct gaaaataaat atgcaggagg gaaccccggt tgcgtgcgcc caactccaa 240
gtggcaaaaa ggaattggag aattctttag gttgtccct aaagattctg aaaaagagaa 300
tcagattcct gaagaggcag gaagcagtgg cttaggaaaa gcaaagagaa aagcatgtcc 360
tttgcaacct gatcacacaa atgatgaaaa agaatagaac tttctcattc atctttgaat 420
aacgtctcct tgtttaccct ggtattctag aatgtaaatt tacataaatg tgtttggtcc 480
aattagcttt gttgaacagg catttaatta aaaaatttag gtttaaattt agatgttcaa 540
aagtagttgt gaaatttgag aatttgtaag actaattatg gtaacttagc ttagtattca 600
atataatgca ttgtttggtt tcttttacca aattaagtgt ctagttcttg ctaaaatcaa 660
gtcattgcat tgtgttctaa ttacaagtat gttgtatttg agatttgctt agattgttgt 720
actgctgcc a tttttattgg tgtttgatta ttggaatggt gccatattgt cactccttct 780
acttgcttta aaaagcagag ttagattttt gcacattaaa aaattcagta ttaatt 836

```

<210> 227

<211> 836

<212> DNA

<213> Homo sapiens

<400> 227

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gtgaaacacc ctcggtgctgg aagtcagttc gttctctcct ctctctctctt cttggttgaa 60
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agcccccaga aaggtgcttg gttcttccac ctctgccact aattcgacat cagtttcac 180
gaggaaagct gaaaataaat atgcaggagg gaaccccggt tgcgtgcgcc caactccaa 240
gtggcaaaaa ggaattggag aattctttag gttgtccct aaagattctg aaaaagagaa 300
tcagattcct gaagaggcag gaagcagtgg cttaggaaaa gcaaagagaa aagcatgtcc 360
tttgcaacct gatcacacaa atgatgaaaa agaatagaac tttctcattc atctttgaat 420
aacgtctcct tgtttaccct ggtattctag aatgtaaatt tacataaatg tgtttggtcc 480
aattagcttt gttgaacagg catttaatta aaaaatttag gtttaaattt agatgttcaa 540
aagtagttgt gaaatttgag aatttgtaag actaattatg gtaacttagc ttagtattca 600
atataatgca ttgtttggtt tcttttacca aattaagtgt ctagttcttg ctaaaatcaa 660
gtcattgcat tgtgttctaa ttacaagtat gttgtatttg agatttgctt agattgttgt 720
actgctgcc a tttttattgg tgtttgatta ttggaatggt gccatattgt cactccttct 780
acttgcttta aaaagcagag ttagattttt gcacattaaa aaattcagta ttaatt 836

```

<210> 228

<211> 1444

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> 847,849,850,852,853,854,856,857,858

<223> n = A,T,C or G

<400> 228

```

ggcagcagtg aaacacccctc ggctgggaag tcagttcggt ctctctctctc ctctctctctt 60
gtttgaacat ggtgcggact aaagcagaca gtgttccagg cacttacaga aaagtgggtgg 120
ctgctcgagc cccagaaaag gtgcttggtt cttccacctc tgcactaat tcgacatcag 180
tttcacgcag gaaagctgaa aataaatatg caggaggga ccccgttgc gtgcgccaa 240
ctcccaagtg gcaaaaagga attggagaat tctttagggt gtccoctaaa gattctgaaa 300
aagagaatca gattcctgaa gaggcaggaa gcagtggctt aggaaaagca aagagaaaag 360
catgtccttt gcaacctgat cacacaaatg atgaaaaaga atagaacttt ctcatcctc 420
tttgaataac gtctccttgt ttaccctggt attctagaat gttaaatttac ataaatgtgt 480

```

```

ttgttccaat tagctttgtt gaacaggcat ttaattaaaa aatttagggt taaatttaga 540
tgttcaaaag tagttgtgaa atttgagaat ttgtaagact aattatggta acttagctta 600
gtattcaata taatgcattg tttggtttct tttaccaaata taagtgtcta gttcttgcta 660
aaatcaagtc attgcattgt gttctaatta caagtatgtt gtatttgaga tttgcttaga 720
ttgttgact gctgccattt ttattgggtt ttgattattg gaatggtgcc atattgtcac 780
tccttctact tgctttaaaa agcagagtta gatttttgca cattaaaaaa ttcagtatta 840
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tggagaccag cccaggcaac atagcgtaaa ccctatctct aaaacaattt ttagccagggt 1140
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aaaattagcc gggcgcggtg gggggcgctt gtagtcccag ctactcgga ggctgaggca 1320
ggagaatggc gtgaaccgg gaagtggagc ttgcagtga ccgagattgc gccactgcag 1380
tcggcagtcg ggcttgggcg acagagcgag actccgtctc aaaaaaaaaa aaaaaaaaaa 1440
aaaa

```

```

<210> 229
<211> 522
<212> DNA
<213> Homo sapiens

```

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<400> 229
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gaaaattttt acatgttttg ggacacacat cacagtatag ctcaaaaatc aatcttccaa 120
ttggagaaga atcaatacaa atgtccaaaa acacgaaatc atgcttggtg tctcttaaga 180
acttagcgga aaaatcctca gtgagtgcgt cataaagtgc agagggttta atgtcaacta 240
tatccccaca cctcgtgggc ccatttctgc agatccaatg catcacccag aaactgacca 300
ttaacaaaag aaatcacaga ggaagaatat tcccagggtt catttttgag ttcccttttt 360
ttctctgtga gatattgatg ccattgcaaat tcttgaagag gaactaatat aggatcttca 420
aatttgatg gatgattatt cttcagattc tcagcggcgc tcttcgcaat ctgaaagttg 480
gggcagctga agagcccccac caccttcacc tgcagcggcc gc 522

```

```

<210> 230
<211> 868
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> 21
<223> n = A,T,C or G

```

```

<400> 230
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aaattatcac agaaaatatt gatatgaaaa tcaagcataa ggatctccac tgtcagtaat 120
tctacacata tgtattgggt tttcattctg tgttggaact aattctagtt gtttaagcac 180
ttctgttctt tcaatcagtt gcccaaaagc cacaaatttt ctatctagat aaggagttgc 240
ttgcagtgtg atatagaatt gtgaccggtt gctgtgacgg cctttgttgg ccattccaag 300
tactcctctt ttattatgag gaactgaaaa gttttcatct tcaaatgttg gaccataaat 360
cgactctcca ttatctctt ttccatacac tatatccctt ccttgatcc agccattctg 420
tactattcga tgaaaaatgg aatttttgta atgtagctt atgccagtt gagaaaacc 480

```

tgcttttct	gtgcacaaga	cctgaaaatt	ttacatgtt	ttgggacaca	catcacagta	540
tagctcaaaa	atcaatcttc	caattggaga	agaatcaata	caaatgtcca	aaaacacgaa	600
atcatgcttg	gtgtctotta	agaacttagc	ggaaaaatcc	tcagtgagtg	cgtcataaag	660
tgagagggt	ttaatgtcaa	ctatatccca	cacctcgttg	gccatttct	gcagatccaa	720
tgcatcccc	agaaactgac	cattaacaaa	agaaatcaca	gaggaagaat	attcccaggt	780
ttcatttttg	agttcctcag	cggcgctctt	cgcaatctga	aagttggggc	agctgaagag	840
ccccaccacc	ttcacctgca	gcggcgcgc				868